

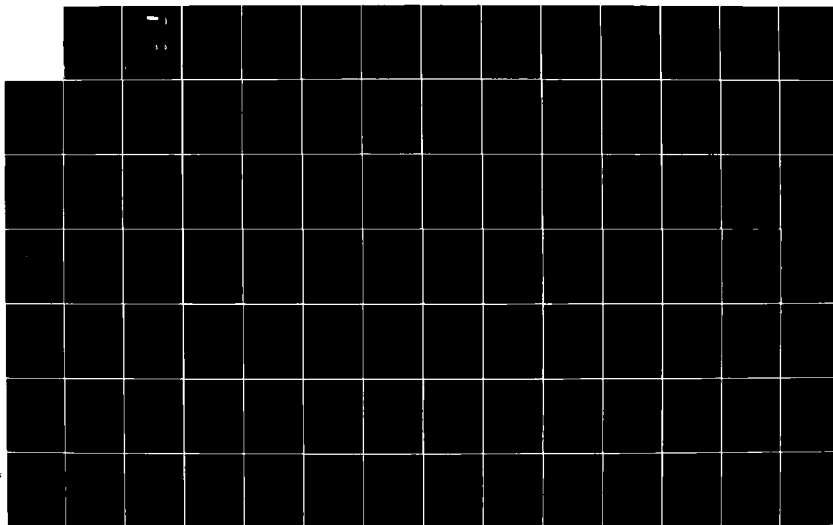
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LA CROSSE MAP WISCONSIN REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERV..(U) AIR FORCE ENVIRONMENTAL  
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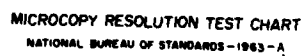
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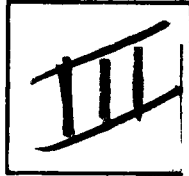


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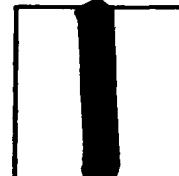
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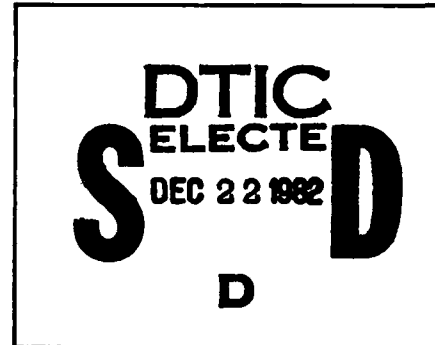
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2 USAFETAC DS-82/047

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USAFETAC  
Air Weather Service ( MAC )**

**REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS**

LA CROSSE MAP, WI  
N 43 52 W 091 15

666 FT

MSC# 726430  
LSE

PARTS A-F

FOR: FROM HOURLY OBS JAN 73 - DEC 81

FOR: FROM DAILY OBS JAN 48 - DEC 81

TIME CONVERSION GMT TO LST: -6

**JUL 30 1982**

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*Wayne E. McCollom*

WAYNE E. MCCOLLUM  
Chief, Technical Information Section  
USAFETAC/TST

FOR THE COMMANDER

*Walter S. Burghum*

WALTER S. BURGHUM  
AMS Scientific and Technical  
Information Officer (STINFO)

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1. REPORT NUMBER USAFETAC/DS- 82/ 047	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSMO)- LA CROSSE MAP, WISCONSIN	5. TYPE OF REPORT & PERIOD COVERED Final rept.																
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16. DISTRIBUTION STATEMENT (of this Report)  Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSMO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSMO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSMO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for LA CROSSE MAP, WISCONSIN. It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)</p>																	

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19. Percentage frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

WISCONSIN

LA CROSSE MAP, WISCONSIN

20. and dew point temperatures and relative humidity); and (F) Pressure  
Summary (means, standard, deviations, and observation counts of  
station pressure and sea-level pressure). Data in this report are  
presented in tabular form, in most cases in percentage frequency of  
occurrence or cumulative percentage frequency of occurring tables.

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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WHO number with the addition of a suffix zero; or, in cases where there is no designated WHO number, a 5-digit number created in agreement with WHO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
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## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MARCH \_\_\_\_\_

APRIL \_\_\_\_\_

MAY \_\_\_\_\_

JUNE \_\_\_\_\_

JULY \_\_\_\_\_

AUGUST \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

OCTOBER \_\_\_\_\_

NOVEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_



STATION NO OR SUMMARY		STATION NAME	LATITUDE		LONGITUDE	FIELD ELEV (FT.)	CALL SIGN		WIND NUMBER
726430		LA CROSSE MUN APT WISCONSIN	N 43 52		W 091 15	653 ft	LSE		
STATION LOCATION AND INSTRUMENTATION HISTORY									
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE U.S.L.		GGS PER DAY
			FROM	TO			FIELD (FT)	WT. BARS.	
1	LaCrosse Wisconsin	WBAS	Aug 52	Dec 64	N 43 52	W 091 15	653 ft	658 ft	24
2	Same	Same	Jan 65	Dec 78	Same	Same	Same	Same	8
3	Same	Same	Jan 79	Mar 79	Same	Same	Same	Same	9
4	Same	Same	Apr 79	May 82	Same	Same	Same	Same	9
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE			
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND				
1	Aug 52	Located on ground. Same	F 420B	N/A	21 ft				
2	Dec 78		Same	Same	Same				



U S AIR FORCE  
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse



Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

726437  
STATION

LA CROSSE MAP, WI  
STATION NAME

75-81  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		1.3	.9	13.4		15.5	10.5	1.0	1.9		13.1	822
	03-05		1.0	.7	14.6		16.3	10.9	1.0	1.9		13.8	824
	06-08		1.7	.5	14.1		16.2	14.3	1.6	2.6		16.3	820
	09-11		1.8	.1	12.9		14.9	16.1	2.6	1.5		20.2	821
	12-14		2.0		11.7		13.7	12.1	4.9	1.3		18.3	820
	15-17		2.3		9.7		12.0	10.0	3.5	2.1	.2	15.7	823
	18-20		2.5	.4	12.2		14.8	10.1	2.8	2.5	.4	15.5	811
	21-23		1.6	.5	13.8		15.6	8.9	3.2	1.8	.1	13.4	821
TOTALS			1.8	.4	12.8		14.9	11.6	2.6	2.0	.1	16.0	6562



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AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

12643  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MO/PH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		2.8		12.9		15.6	11.3	1.3	.9		13.4	744
	03-05	.1	2.0	.9	14.0		16.4	12.1	1.8	.3		14.1	737
	06-08		1.6	.9	15.3		17.3	19.7	2.9	.8		23.1	750
	09-11	.1	1.7	.3	14.4		15.9	19.7	4.9	.1		24.4	750
	12-14		1.6		12.4		13.3	10.0	4.9	.1		15.1	750
	15-17	.1	1.5		9.9		11.0	7.5	3.2	.7		11.4	746
	18-20	.4	2.8	.1	17.8		13.4	8.7	2.0	1.6		12.3	743
	21-23		2.8	.4	13.6		15.7	8.6	2.0	1.7		12.3	745
TOTALS		.1	2.1	.3	12.9		14.8	12.2	2.9	.8		15.6	5970



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USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

726430 LA CROSSE MAP, WI 73-81 MAR  
STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAUL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.6	6.6	.7	9.3		15.8	16.9	1.3	.9		18.7	915
	03-05	.1	4.5	.2	7.1		11.5	18.9	1.2	1.2		20.7	827
	06-08	.1	5.1	.1	5.6		10.8	25.9	2.6	1.0		28.8	917
	09-11	.1	5.6		6.0		11.6	18.5	2.9	.9		22.0	821
	12-14		6.0	.7	5.6		12.0	13.4	2.4	.1		15.6	820
	15-17	.2	7.1	.5	6.2		13.5	12.4	2.4	.1	.1	15.1	822
	18-20	.7	6.9	.7	6.9	.1	14.2	13.7	1.5	.5		15.6	923
	21-23	.4	6.9	1.0	6.0		13.8	15.1	1.5	1.0		17.0	812
TOTALS		.3	6.1	.5	6.6	.0	12.9	16.9	2.0	.7	.0	19.2	6557



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AIF WEATHER SERVICE/MAC

# WEATHER CONDITIONS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81

YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAUL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	1.3	10.0		2.9		12.3	6.6	.8	.4		7.8	787
	03-05	.8	11.5		2.6		14.0	10.5	.4	.1		11.0	783
	06-08	.9	10.0		4.4		14.1	16.4	1.8	.4		17.9	797
	09-11	1.0	9.3	.3	3.7	.1	13.0	10.1	3.4	.4	.1	13.6	793
	12-14	.8	9.4		2.5		11.9	5.8	1.1	.5	.5	8.0	790
	15-17	.5	9.0		1.5		10.4	5.9	1.4	.4	.1	7.8	791
	18-20	.4	11.7		1.9	.1	13.5	8.9	1.3	.4		10.5	787
	21-23	.9	9.7		2.1		11.9	8.6	1.3	.4		10.1	791
TOTALS		.8	10.1	.0	2.7	.0	12.6	9.1	1.4	.4	.1	10.6	6319



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USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.2	7.5				7.5	9.0	1.1			9.8	813
	03-05	.9	6.1				6.1	15.1	1.1			15.4	816
	06-08	.4	6.9				6.9	16.9	3.5			19.3	829
	09-11	.2	6.8				6.8	7.2	5.2			12.0	823
	12-14	.5	7.8		.1	.1	7.9	4.6	2.5			6.9	825
	15-17	2.3	9.9			.1	9.9	4.4	2.1			6.2	822
	18-20	1.2	8.5				8.5	5.4	2.2			7.6	820
	21-23	2.1	8.2				8.2	6.1	2.9			9.0	822
TOTALS		1.1	7.7		.0	.0	7.7	8.6	2.6			10.8	6570



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	3.2	6.3				6.3	3.9	1.7			5.6	405
	03-05	2.1	7.2				7.2	10.9	3.0			12.3	795
	06-08	1.0	6.7				6.7	12.9	4.1			14.9	756
	09-11	1.4	7.6				7.6	4.8	4.3			8.7	794
	12-14	.8	3.5				3.5	2.3	2.4			4.6	789
	15-17	1.9	5.2				5.2	1.4	2.7			4.0	791
	18-20	2.9	5.6				5.6	1.1	2.7			3.8	791
	21-23	4.2	6.1				6.1	1.5	2.9			4.4	792
TOTALS		2.2	6.0				6.0	4.9	3.0			7.3	6353



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USAFETAC  
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## WEATHER CONDITIONS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	4.2	4.7				4.7	6.2	4.3			9.1	813
	03-05	3.2	6.1				6.1	13.9	4.3			16.0	815
	06-08	1.6	3.8			.1	3.8	16.5	5.1			19.4	819
	09-11	1.1	3.2				3.2	5.0	7.7			11.9	817
	12-14	.4	3.6				3.6	2.8	5.7			8.1	812
	15-17	1.3	3.9			.1	3.9	1.0	4.5			5.5	822
	18-20	2.3	2.5			.1	2.5	.9	5.0			5.8	813
	21-23	3.2	4.3				4.3	1.7	5.8			7.2	815
TOTALS		2.2	4.0			.0	4.0	6.0	5.3			10.4	6526



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81

YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	3.6	6.0				6.0	13.2	4.3			17.0	816
	03-05	5.0	8.4				8.4	23.0	5.3			26.2	814
	06-08	3.2	9.5				9.5	26.4	6.4			32.3	810
	09-11	1.7	7.1				7.1	11.9	8.1			19.2	812
	12-14	1.5	5.6				5.6	6.7	6.2			12.6	807
	15-17	1.7	4.0				4.0	5.3	4.9			9.8	817
	18-20	1.6	4.3				4.3	4.8	3.5			8.1	817
	21-23	2.0	3.8				3.8	7.9	4.5			11.9	818
TOTALS		2.5	6.1				6.1	12.7	5.4	.		17.1	6511



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

726430 STATION 73-81 YEARS SEP MONTH  
LA CROSSE MAP, WI STATION NAME

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAZ	% OF OBS WITH PRECIP.	G	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.7	7.4				7.4	10.0	.9			10.5	763
	03-05	1.6	6.4				6.4	17.5	1.3			18.6	794
	06-08	.9	6.8				6.8	24.0	1.5			25.2	795
	09-11	.3	6.4				6.4	8.6	2.5			11.3	794
	12-14		4.8				4.8	4.5	1.3			5.5	799
	15-17	.5	2.9		.1		2.9	3.9	1.3			5.0	797
	18-20	1.8	4.8				4.8	5.4	1.6			6.5	795
	21-23	1.9	7.4				7.4	5.8	1.5			7.3	794
TOTALS		1.1	5.9		.0		5.9	10.0	1.5			11.2	6347



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

726437  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81

YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAZ	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.2	5.7		.6		6.2	9.8	2.1			11.3	613
	03-05	.4	6.4		1.0		7.0	12.0	1.7			12.8	825
	06-08	.4	5.3		1.2		6.6	16.8	1.6			17.9	823
	09-11	.6	5.4		.6		6.0	12.4	2.9			15.1	822
	12-14		6.5		.7		7.3	5.3	3.1			8.2	813
	15-17	.1	5.0		.4		3.3	5.5	2.6			7.7	816
	18-20	.4	6.4		.1		6.6	6.3	2.8			8.5	822
	21-23	.2	5.6		.6		6.2	7.3	3.0			9.6	820
TOTALS		.3	5.8		.7		6.4	9.4	2.5			11.4	6554

USAFETAC FORM 200 6-10-81 (BL. A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1315



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

720430 73-81 720430  
STATION LA CROSSE MAP, WI STATION NAME YEARS NOV MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAZ	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		5.9		6.5		12.5	11.3	.8	.5		12.3	795
	03-05	.1	5.9	.1	8.5		13.9	13.4	.4	.4		14.2	798
	06-08		6.8		6.7		13.4	20.0	.8	.4		20.9	790
	09-11	.1	6.3	.1	7.3		13.3	18.5	1.6	.4		20.4	796
	12-14		5.3		5.7		11.1	10.6	2.4	.4		13.4	786
	15-17	.3	4.8		4.5		9.3	8.2	1.6			9.8	792
	18-20	.3	5.1		5.8		10.7	9.8	1.1	.4		11.3	798
	21-23		5.5	.1	6.0		11.6	10.7	.8	1.3		12.3	782
TOTALS		.1	5.7	.0	6.4		12.0	12.8	1.2	.5		14.3	6337



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	30-02		2.7	.6	12.6		15.7	16.1	.4	1.2		17.5	816
	03-05	.1	2.7	.4	13.1	.1	16.0	18.5	.2	1.1		19.8	817
	06-08		2.4	.4	13.2		15.9	22.6	.2	1.1		23.7	823
	09-11		1.7	1.0	12.5		15.2	23.3	1.7	1.0		25.2	824
	12-14		1.6	.5	10.1		12.1	18.0	1.8	.5		20.0	821
	15-17		1.7	.6	11.7		14.0	15.9	1.4	1.0		18.0	813
	18-20		3.1	1.0	12.1		16.1	14.3	.6	.9		15.8	809
	21-23		3.3	.9	12.8		16.8	14.7	.6	1.1		16.1	814
TOTALS		.0	2.4	.7	12.3	.0	15.2	17.9	.9	1.0		19.5	6537



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFI WEATHER SERVICE/MAC

## WEATHER CONDITIONS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

ALL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAR	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		1.8	.4	12.8		14.9	11.6	2.6	2.0	.1	16.0	6562
FEB		.1	2.1	.3	12.9		14.8	12.2	2.9	.8		15.8	5970
MAR		.3	6.1	.5	6.6	.0	12.9	16.9	2.0	.7	.0	19.2	6557
APR		.8	10.1	.0	2.7	.0	12.6	9.1	1.4	.4	.1	10.8	6719
MAY		1.1	7.7		.0	.0	7.7	8.6	2.6			10.8	6570
JUN		2.2	6.0				6.0	4.9	3.0			7.3	6353
JUL		2.2	4.0			.0	4.0	6.0	5.3			10.4	6526
AUG		2.5	6.1				6.1	12.7	5.4			17.1	6511
SEP		1.1	5.9		.0		5.9	10.0	1.5			11.2	6347
OCT		.3	5.8		.7		6.4	9.4	2.5			11.4	6554
NOV		.1	5.7	.0	6.4		12.0	12.8	1.2	.5		14.3	6337
DEC		.0	2.4	.7	12.3	.0	15.2	17.9	.9	1.0		19.5	6537
TOTALS		.9	5.3	.2	4.5	.0	9.9	11.0	2.6	.5	.0	13.7	77143



## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $5/8$  mile.



GLOBAL CLYMATOLOGY BRANCH  
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XX WEATHER CONDITIONS  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

1943 LA CROSSE MAP, WI 48-81 ALL  
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.3	11.5	6.0	54.0	.1	58.6	33.7	20.9	6.1		45.3	1254
FEB		.9	15.3	6.9	44.7	.2	50.9	36.3	26.2	3.6		47.1	961
MAR		3.9	24.2	3.1	37.5	.6	51.9	34.2	16.2	3.4	.1	43.0	1053
APR		9.9	43.1	.5	12.7	.9	49.3	30.4	11.4	.6		34.6	1020
MAY		18.1	49.0		1.2	1.4	49.2	25.3	8.8			27.9	1054
JUN		26.7	48.3			1.4	48.3	25.3	12.1			29.2	1010
JUL		24.6	41.7			1.0	41.7	28.9	15.3			33.5	1054
AUG		22.4	40.4			.1	40.4	40.1	18.4			45.3	1044
SEP		15.0	42.0		.3	.2	42.0	41.3	11.4			44.4	1020
OCT		7.6	35.7		3.2	.1	37.1	32.5	13.6			35.9	1054
NOV		1.9	27.9	2.0	29.5		47.6	34.6	14.1	2.5	.1	40.8	1020
DEC		.9	18.1	8.3	47.0	.1	56.4	40.1	16.1	2.8		46.3	1054
TOTALS		11.0	33.1	2.2	19.2	.5	47.8	33.6	15.6	1.6	.0	39.5	12398



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APPLICATIONS CENTER

**C** PART B PRECIPITATION, SNOWFALL & SNOW DEPTH **B**

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

\* Values for means and standard deviations do not include measurements from incomplete months.



- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT



GLOBAL CLIMATOLOGY BRANCH  
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# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

726430 LA CROSSE MAP, WI  
STATION STATION NAME

98-81

YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-30.4	OVER 30.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	41.2	32.6	4.0	9.1	4.9	4.3	3.1	.7	.1					26.2	1054	.94	2.86	.07
FEB	49.1	26.1	3.3	8.1	4.3	5.1	2.8	.9	.2					24.8	961	.94	2.58	.05
MAR	48.0	21.0	3.7	7.7	4.7	6.5	4.6	3.1	.7					31.0	1054	1.93	3.82	.30
APR	50.8	16.1	2.5	5.8	4.8	7.3	6.	5.3	1.1	.2				33.1	1020	3.01	7.31	.67
MAY	57.8	13.0	2.8	6.4	4.5	8.5	6.5	5.9	1.5	.1				36.2	1054	3.46	8.83	1.07
JUN	51.7	11.8	2.2	6.3	4.3	7.8	7.3	5.5	3.0	.2				36.6	1020	4.08	9.53	1.58
JUL	58.3	9.8	1.9	6.5	4.3	6.4	5.2	4.8	2.5	.5				32.0	1054	3.83	9.17	.16
AUG	59.9	9.4	2.3	3.9	4.3	6.5	6.3	3.9	3.1	.3				30.6	1054	3.70	9.84	.54
SEP	58.1	11.3	2.8	5.0	3.0	7.8	4.9	4.3	2.6					30.6	1020	3.23	10.52	.42
OCT	62.8	12.4	1.8	5.1	3.0	6.9	3.6	3.3	.8					24.6	1054	1.98	8.47	.02
NOV	52.4	22.5	2.8	8.4	2.8	5.4	2.7	2.0	.7					25.1	1020	1.44	3.07	TRACE
DEC	43.6	27.7	3.7	9.9	5.5	6.1	2.2	1.3						28.7	1054	1.09	2.55	.30
ANNUAL	52.2	17.8	2.8	6.8	4.2	6.4	4.4	3.4	1.4	.1				30.0	12419	29.63		

1210 WS FORM 6-15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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# EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12643 LA CROSSE MAP, WI

43-81

STATION

STATION NAME

YEARS

## 24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
YEAR													
48	.74	1.07	.39	.56	.98	.67	.51	.59	.61	.42	.61	.67	1.27
49	.37	.17	.67	.55	.72	1.33	.50	.76	.24	.56	.28	.30	1.23
50	.63	.42	.83	1.03	.56	1.51	1.42	1.37	.80	.47	.23	.35	1.51
51	.35	.83	.72	.97	.94	1.15	2.75	.85	1.92	1.34	.61	.17	2.75
52	.59	.60	.55	.89	.82	3.43	2.73	1.75	.20	.02	.86	.48	3.43
53	.60	.32	.38	1.25	.74	1.05	2.65	1.01	.15	.19	.89	.73	2.65
54	.19	.13	.34	3.64	.79	1.25	.98	1.06	1.40	.76	.32	.10	3.64
55	.11	.15	.44	.94	1.21	.54	2.45	.24	.33	.47	.18	.30	2.45
56	.19	.17	1.30	.79	2.36	1.28	.88	.72	.67	.60	.48	.20	2.36
57	.37	.11	.36	.64	1.44	1.07	1.66	1.58	1.35	.47	1.12	.24	1.66
58	.16	.05	.21	1.57	.37	.85	1.15	.81	.89	.25	2.38	.09	2.38
59	.27	.89	1.30	.36	1.05	1.07	1.20	2.16	2.01	1.65	1.16	.59	2.16
60	.23	.15	.32	.95	2.71	1.42	1.00	1.80	1.19	1.24	.46	.28	2.71
61	.07	.90	.90	.33	.85	.69	.92	.62	1.35	.89	1.03	.34	1.35
62	.10	.49	.89	.38	1.03	.77	.71	2.56	.68	.58	.06	.10	2.56
63	.30	.22	.67	.69	.81	.53	1.54	1.32	1.39	.67	1.44	.16	1.54
64	.22	.03	.32	.73	.95	2.43	1.94	1.04	2.20	.10	.33	.26	2.43
65	.37	.32	.62	1.75	1.53	1.56	1.55	1.02	2.10	.73	.96	.84	2.10
66	.45	1.01	1.37	.26	1.32	1.67	1.28	.53	.37	2.01	.16	.62	2.01
67	1.31	.35	1.09	.81	.86	3.93	.08	1.01	.72	.97	.05	.34	3.93
68	.42	.03	.47	1.57	1.00	1.63	1.79	.61	1.58	1.45	.16	.55	1.79
69	.48	.03	.32	.56	.58	1.70	.66	1.66	.70	.71	.45	.59	1.70
70	.16	.24	1.41	.73	1.64	.60	.96	.53	1.30	.65	.72	.40	1.64
71	.38	.49	.87	.74	1.55	.95	.93	1.20	.55	.39	.74	.96	1.55
72	.25	.19	.50	.96	.57	.68	1.42	1.87	2.12	.85	.55	.90	2.12
73	.44	.51	1.38	2.06	1.00	1.79	1.34	2.84	.82	.95	.59	.38	2.84
74	.22	.46	.59	.80	.92	1.59	.94	2.01	.48	.58	.54	.56	2.01
75	.28	.79	.48	3.91	.63	.74	.65	.89	.71	.24	1.37	.37	3.91
76	.22	.22	.80	1.59	1.20	.44	.66	.26	.31	.21	TRACE	.74	1.59
77	.30	.43	.64	2.08	.71	.97	2.45	.66	1.14	.87	.40	.37	2.45
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-89-8 (OLA)







U.S. NATIONAL CLIMATOLOGY BRANCH  
NCEP/ATLAS  
U.S. WEATHER SERVICE/MAC

**EXTREME VALUES**  
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION LA CROSSE, WIS.

48-81

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
48	.77	1.61	1.02	1.74	2.47	2.61	.84	1.00	1.29	.92	1.73	1.74	17.74
49	2.13	.44	3.21	1.29	1.81	3.96	1.84	2.01	.94	1.17	.67	1.11	26.48
50	1.46	1.27	1.94	3.37	3.14	4.73	5.10	7.40	1.78	.91	.44	1.47	28.01
51	1.05	1.79	3.82	5.12	3.37	5.01	5.94	3.29	3.17	3.92	1.57	.40	38.85
52	2.22	.95	2.21	1.82	2.81	6.95	6.40	4.52	.42	.02	1.67	1.36	71.35
53	1.88	1.53	1.92	4.31	1.75	5.72	9.16	3.01	.46	.28	1.49	1.42	32.13
54	.56	.19	1.41	6.79	2.03	4.76	2.76	3.56	4.85	4.47	.89	.47	32.74
55	.30	.57	1.18	3.24	3.97	1.66	4.63	.79	1.23	1.39	.62	.78	26.76
56	.46	.43	3.64	2.09	5.68	2.75	2.47	3.47	1.56	1.52	1.66	.53	26.76
57	.25	.20	1.03	2.18	4.56	4.38	4.35	4.18	1.86	1.30	2.86	.61	27.78
58	.38	.77	.30	2.53	1.07	2.29	2.98	2.06	3.28	.80	2.56	.70	18.57
59	.66	2.58	3.37	.65	4.67	4.05	2.34	7.85	5.97	2.92	1.98	1.45	34.19
60	.78	.38	.80	3.25	8.83	4.88	1.38	4.86	4.47	3.00	.74	.41	33.79
61	.27	1.31	3.37	1.33	2.76	2.34	2.74	1.39	4.97	2.47	2.52	.98	26.45
62	.19	1.82	1.92	1.69	3.78	2.23	3.22	7.16	2.41	2.24	.09	.70	27.17
63	.67	.49	2.25	2.46	2.04	2.35	5.14	3.40	3.92	1.46	1.90	.49	26.57
64	.34	.09	1.30	2.37	3.72	3.13	3.39	3.34	5.48	.25	1.09	.86	25.36
65	.81	.72	2.05	4.87	5.11	3.51	4.48	2.85	10.52	1.66	2.98	2.72	41.58
66	.77	1.51	3.31	.60	2.28	3.51	4.60	1.87	.96	3.32	.30	1.20	24.73
67	2.46	1.11	2.14	2.43	1.22	9.33	.16	2.44	1.38	2.52	.18	.51	26.29
68	.87	.06	.98	4.46	3.20	7.53	4.06	1.96	5.10	2.59	.61	2.24	35.66
69	1.95	.05	.78	1.83	2.55	6.39	3.00	2.16	2.32	3.73	.58	1.69	27.03
70	.56	.33	2.17	2.58	5.82	2.46	4.48	.89	5.30	3.43	2.60	.97	31.59
71	1.52	2.06	1.11	1.74	4.89	4.33	4.06	2.22	2.43	1.09	2.20	2.55	32.20
72	.62	.50	1.68	2.38	1.80	2.81	6.03	5.97	6.72	4.01	1.45	2.46	36.43
73	.85	1.38	3.69	7.31	6.21	4.47	2.53	8.63	3.68	2.06	1.93	1.37	44.11
74	.40	1.68	2.13	1.43	3.50	5.30	1.76	4.20	1.40	1.91	1.11	1.39	26.58
75	1.50	1.71	2.14	6.07	2.52	2.88	1.42	2.79	1.28	.36	3.07	.70	26.44
76	.69	.64	2.82	4.37	2.95	1.82	2.15	.54	.54	.28	TRACE	.67	17.47
77	.48	.83	2.64	3.62	3.04	3.51	4.32	2.92	4.12	1.87	1.42	1.40	30.57
MEAN													
S.D.													
TOTAL OBS.													

NOTE: \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-8 (OLA)



(FROM DAILY OBSERVATIONS)

72643 LA CROSSE MAP, WI  
STATION STATION NAME

48-21

**YEARS**

## TOTAL MONTHLY PRECIPITATION IN INCHES

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)  
JUL 84



3 GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

726930 LA CROSSE MAP, WI 98-81  
STATION NAME YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.03	.04-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-30.4	OVER 30.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	45.9	30.6	8.5	7.8	2.9	2.1	.8	1.2	.2					23.5	1054	9.7	29.7	.8	
FEB	55.5	23.8	7.1	7.1	2.7	1.8	1.0	.7	.5					20.9	961	8.3	31.0	.5	
MAR	62.4	18.9	6.5	6.4	2.0	1.4	.7	.9	.8	.1				18.7	1054	9.2	33.5	TRACE	
APR	87.2	9.6	.8	1.2	.3	.4	.2	.2	.2					3.2	1020	1.9	17.0	.0	
MAY	98.8	1.1		.1										.1	1054	TRACE	.8	.0	
JUN	100.0														1020	.0	.0	.0	
JUL	100.0														1054	.0	.0	.0	
AUG	100.0														1054	.0	.0	.0	
SEP	99.7	.3													1020	TRACE	TRACE	.0	
OCT	96.8	2.8	.3	.2										.5	1034	.1	1.4	.0	
NOV	70.5	19.7	3.9	3.7	1.2	.1	.6	.1	.1	.1				9.8	1020	3.4	13.0	TRACE	
DEC	53.0	24.8	8.6	6.8	3.6	1.7	.5	.8	.5					22.5	1054	9.1	26.6	TRACE	
ANNUAL	80.8	10.4	3.8	2.8	1.1	.6	.3	.3	.2	.0				8.3	12419	41.7			



GENERAL CLIMATOLOGY BRANCH  
 DCA/ETAC  
 AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

726437 LA CROSSE MAP, WI  
 STATION STATION NAME

48-81

YEARS

## 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	.4	3.0	4.2	TRACE	.0	.0	.0	.0	.0	TRACE	.6	3.4	4.2
49	6.2	1.8	.7	2.6	.0	.0	.0	.0	.0	.0	1.2	2.3	6.2
50	3.4	4.8	3.1	.3	.0	.0	.0	.0	.0	.0	1.0	5.3	5.3
51	5.7	2.7	6.1	.9	.0	.0	.0	.0	.0	TRACE	4.8	2.9	6.1
52	4.2	6.5	5.1	7.3	.0	.0	.0	.0	.0	.2	1.6	5.4	7.3
53	2.9	3.2	.9	TRACE	.0	.0	.0	.0	.0	.0	.5	1.2	3.2
54	3.0	.5	3.1	TRACE	TRACE	.0	.0	.0	.0	TRACE	3.7	2.1	3.7
55	1.6	1.1	4.0	TRACE	.0	.0	.0	.0	.0	TRACE	2.3	2.0	4.0
56	3.2	2.1	8.0	4.5	.0	.0	.0	.0	.0	.0	4.4	2.1	8.0
57	1.3	1.6	4.1	.6	.0	.0	.0	.0	.0	.0	11.0	2.5	11.0
58	2.3	.5	1.8	TRACE	.0	.0	.0	.0	.0	.0	.9	1.4	2.3
59	3.3	9.7	13.1	TRACE	.0	.0	.0	.0	.0	1.2	6.5	3.9	13.1
60	1.3	2.1	2.2	TRACE	.8	.0	.0	.0	.0	.0	1.0	.6	2.2
61	1.2	4.4	8.5	3.7	.0	.0	.0	.0	TRACE	.0	4.2	4.5	8.5
62	1.2	6.5	7.5	3.3	.0	.0	.0	.0	.0	TRACE	.2	2.0	7.5
63	6.3	2.6	8.2	.7	.0	.0	.0	.0	.0	.0	.1	2.5	8.2
64	4.0	.3	6.2	TRACE	.0	.0	.0	.0	.0	TRACE	3.9	3.1	6.2
65	5.3	5.3	8.4	1.6	.0	.0	.0	.0	TRACE	.0	.2	1.2	8.4
66	5.6	2.9	1.1	TRACE	TRACE	.0	.0	.0	.0	TRACE	.2	8.6	8.6
67	5.3	4.2	4.5	TRACE	.0	.0	.0	.0	.0	TRACE	.3	.7	5.3
68	3.3	.4	.1	TRACE	.0	.0	.0	.0	.0	.0	1.0	7.4	7.4
69	3.5	.5	3.6	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	6.0
70	2.0	2.8	3.4	TRACE	TRACE	.0	.0	.0	.0	TRACE	1.1	7.0	7.0
71	10.0	5.2	3.4	.5	.0	.0	.0	.0	.0	.0	1.4	8.1	10.0
72	3.0	3.4	5.1	2.3	.0	.0	.0	.0	.0	TRACE	.4	8.5	8.5
73	5.0	3.5	TRACE	10.3	.0	.0	.0	.0	.0	.0	TRACE	2.7	10.3
74	1.0	5.2	3.0	.5	.0	.0	.0	.0	TRACE	.0	2.2	2.5	5.2
75	4.3	8.0	6.8	3.5	.0	.0	.0	.0	.0	.0	.5	.5	8.0
76	3.0	2.0	4.7	.0	TRACE	.0	.0	.0	.0	.2	TRACE	2.4	4.7
77	3.4	1.9	2.4	.3	.0	.0	.0	.0	.0	.0	4.0	5.1	5.1
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

UBAF ETAC FORM 0-00-5 (OLA)



FEDERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

721437 LA CROSSE MAP, WI  
STATION

48-21

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
48	0.0	0.0	4.4	TRACE	0.0	0.0	0.0	0.0	0.0	TRACE	1.3	0.0	23.3
49	14.1	5.9	0.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	3.5	7.5	35.6
50	7.2	12.7	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	21.3	51.3
51	14.5	5.7	23.0	0.9	0.0	0.0	0.0	0.0	0.0	TRACE	0.9	11.2	65.0
52	15.1	11.5	10.6	10.2	0.0	0.0	0.0	0.0	0.0	0.2	3.5	14.2	64.8
53	5.7	11.0	1.4	TRACE	0.0	0.0	0.0	0.0	0.0	0.2	1.2	2.5	21.5
54	7.7	0.5	6.9	TRACE	TRACE	0.0	0.0	0.0	0.0	TRACE	6.7	5.3	27.1
55	4.8	3.3	0.8	TRACE	0.0	0.0	0.0	0.0	0.0	TRACE	4.8	6.0	22.7
56	5.0	3.0	22.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	6.7	4.2	47.4
57	3.4	3.0	7.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	13.0	3.5	30.5
58	4.7	0.6	2.9	TRACE	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.3	13.4
59	8.6	31.0	33.5	TRACE	0.0	0.0	0.0	0.0	0.0	1.4	11.8	5.1	91.4
60	4.4	4.4	6.9	TRACE	0.8	0.0	0.0	0.0	0.0	0.0	1.0	1.4	19.1
61	5.1	4.5	16.3	4.2	0.0	0.0	0.0	0.0	TRACE	0.0	7.5	14.9	52.5
62	2.9	25.9	20.9	6.6	0.0	0.0	0.0	0.0	0.0	TRACE	0.2	4.7	61.2
63	13.3	5.3	14.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	7.6	41.3
64	5.7	1.0	17.7	TRACE	0.0	0.0	0.0	0.0	0.0	TRACE	4.7	6.7	35.8
65	12.7	6.6	15.0	1.6	0.0	0.0	0.0	0.0	TRACE	0.0	0.2	1.3	37.4
66	10.9	5.1	2.5	TRACE	TRACE	0.0	0.0	0.0	0.0	TRACE	0.2	11.7	30.4
67	18.3	15.2	6.1	TRACE	0.0	0.0	0.0	0.0	0.0	TRACE	0.8	1.5	41.9
68	4.5	0.0	0.1	TRACE	0.0	0.0	0.0	0.0	0.0	0.0	1.0	26.6	33.0
69	17.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	TRACE	19.5	41.3
70	7.7	3.2	6.1	TRACE	TRACE	0.0	0.0	0.0	0.0	TRACE	1.1	13.5	31.6
71	26.5	20.4	5.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.8	12.0	66.8
72	10.2	8.0	11.9	3.0	0.0	0.0	0.0	0.0	0.0	TRACE	0.8	18.6	52.5
73	7.3	9.0	TRACE	17.0	0.0	0.0	0.0	0.0	0.0	0.0	TRACE	9.8	43.1
74	2.0	14.9	7.6	0.7	0.0	0.0	0.0	0.0	TRACE	0.0	2.2	10.1	37.5
75	18.6	20.1	18.1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.6	63.6
76	8.1	2.7	6.0	0.0	TRACE	0.0	0.0	0.0	0.0	0.2	TRACE	6.8	23.7
77	19.1	2.9	6.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	12.0	18.8	50.9
MEAN													
S.D.													
TOTAL OBS.													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

1710



(FROM DAILY OBSERVATIONS)

YEARS

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-B (OLA)



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

726430 LA CROSSE MAP, WI  
STATION STATION NAME

52-81  
YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.03	.04-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-30.4	OVER 30.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	6.1	16.5	11.9	8.9	8.8	22.7	15.1	8.7	1.3					77.4	899				
FEB	13.7	13.1	17.4	7.6	9.0	14.5	21.9	7.4	2.4					73.3	819				
MAR	39.7	14.2	7.1	4.8	5.3	11.7	10.1	6.6	.4					46.1	899				
APR	92.3	5.1	.9	.9	.2	.2	.2	.1						2.6	870				
MAY	99.6	.2													899				
JUN	100.0														870				
JUL	100.0														930				
AUG	100.0														930				
SEP	100.0														900				
OCT	99.6	.4													930				
NOV	79.4	10.1	3.4	1.6	1.2	2.9	1.3							10.4	900				
DEC	26.7	18.4	12.4	8.4	10.3	16.0	7.0	.9						54.9	930				
ANNUAL	71.4	6.5	3.8	2.7	2.9	5.7	4.6	2.0	.3					22.1	10776				



CLIMATOLOGY BRANCH  
ETAC  
WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

STATION LA CROSSE MAP, WI

52-81

YEARS

## DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52								0	0		TRACE	3	9	
53		7	10	7	TRACE	0	0	0	0	0	0	1	1	0
54		6	5	4	0	0	0	0	0	0	0	1	5	5
55		3	3	6	0	0	0	0	0	0	TRACE	4	4	6
56		7	8	17	2	TRACE	0	0	0	0	0	5	3	17
57		3	3	4	TRACE	0	0	0	0	0	0	12	4	12
58		3	2	1	0	0	0	0	0	0	0	1	3	3
59		3	18	31	2	0	0	0	0	0	TRACE	7	5	31
60		3	4	4	0	TRACE	0	0	0	0	0	TRACE	1	4
61		2	4	11	3	0	0	0	0	0	0	2	9	11
62		5	18	22	4	0	0	0	0	0	TRACE	TRACE	4	22
63		9	8	9	0	0	0	0	0	0	0	TRACE	4	9
64		4	TRACE	6	2	0	0	0	0	0	0	3	4	6
65		5	7	8	1	0	0	0	0	0	0	TRACE	1	8
66		5	5	1	TRACE	0	0	0	0	0	0	TRACE	10	17
67		11	9	7	TRACE	0	0	0	0	0	0	TRACE	1	11
68		4	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	0	0
69		22	18	7	3	0	0	0	0	0	0	TRACE	17	22
70		15	8	4	0	0	0	0	0	0	0	TRACE	9	15
71		23	21	6	1	0	0	0	0	0	0	0	7	23
72		9	9	12	1	0	0	0	0	0	0	TRACE	1	12
73		9	3	TRACE	16	0	0	0	0	0	0	0	4	16
74		6	10	3	TRACE	0	0	0	0	0	0	1	4	10
75		8	16	19	1	0	0	0	0	0	0	1	1	19
76		5	3	6	0	0	0	0	0	0	0	TRACE	4	6
77		10	10	2	TRACE	0	0	0	0	0	0	11	13	11
78		14	15	13	0	0	0	0	0	0	0	4	6	15
79		34	29	15	TRACE	0	0	0	0	0	0	2	TRACE	34
80		6	4	5	2	0	0	0	0	0	0	0	4	6
81		1	7	1	0	0	0	0	0	0	0	3	5	7
MEAN		6.5	8.9	6.0	1.3	TRACE	.0	.0	.0	.0	TRACE	2.1	5.8	13.2
S.D.		7.214	6.937	7.209	3.048	.009	.000	.000	.000	.000	.000	3.122	4.686	7.745
TOTAL OBS.		899	619	899	673	899	870	930	930	900	930	900	910	14,725

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- \*1. Extreme Values - Peak Gusts: [REDACTED] observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- \*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

\*Values for means and standard deviations do not include measurements from incomplete months.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430 LA CROSSE MAP, WI

73-81

JAN

ALL WEATHER

0000-0200

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.9	1.1	.8								4.8	6.5
NNE		.6		.1								.7	6.0
NE		.2	.8									.6	6.2
ENE	.1		.1	.1								.8	7.0
E		1.5										1.5	5.1
ESE	.2	2.8	.8	.8								3.7	5.8
SE	.8	2.3	1.2	.1								4.0	5.7
SSE	.8	3.8	1.2	.7								8.0	6.8
S	.6	8.3	8.8	2.1	.2							11.4	7.8
SSW		1.0	.9	.2								2.1	7.1
SW	.1	1.1	.5	.1								1.8	6.3
WSW	.1	.9	.5	.1								1.6	5.8
W	.2	2.2	2.9	1.2	.1							6.7	8.3
WNW		2.3	1.7	.8	.2							5.1	8.4
NW	.8	3.0	8.1	3.9	.5							11.9	9.4
NNW	.2	3.8	2.9	2.3	.1							9.4	8.1
VARBL													
CALM												26.2	
	3.3	33.3	24.5	13.7	1.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

821



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430 STATION LA CROSSE MAP, WI STATION NAME 73-81 YEAR JAN MONTH 0300-0500 HOUR (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.7	1.0	.5								8.7	6.1
NNE	.1	.1	.1									.8	8.7
NE	.1	.1	.1									.8	5.7
ENE													
E	.2	1.0	.4									1.6	5.3
ESE	.2	2.1	1.2									3.5	5.7
SE	.2	2.3	.6	.4								3.5	6.1
SSE	.1	3.8	3.5	.1								7.5	6.6
S	.4	5.4	5.5	1.2	.1							12.5	7.3
SSW		.7	.2	.4								1.3	7.6
SW	.1	.9	.1	.1								1.2	6.0
WSW		1.0	.1	.1								1.2	6.3
W	.1	2.6	2.4	2.4								7.8	8.6
WNW		1.0	2.3	.7								4.0	8.6
NW	.2	3.3	4.6	3.5	.9							12.5	9.7
NNW	.4	5.0	4.0	2.2	.1							11.7	7.9
VARBL													
CALM												26.0	
	2.9	32.0	26.3	11.7	1.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 822



PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	NOTES
	CLASS		MOVES (L.S.T.)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS

~~12345678901234567890123456789012345678901234567890123456789012345678901234567890123456~~



3  
45054

(FROM HOURLY OBSERVATIONS)

[illegible][illegible]**TOTAL NUMBER OF OBSERVATIONS**

INPUT DEVICE \* CR2

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THIS FORM ARE OBSOLETE  
CREATED AT: 17:17:46 JUL 26, 1982

PRINT



PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## STATION

**STATION NAME****TABLE 1**

**CONTINUED**

**CLASS**

**HOURS (L.B.T.)**

12345678901234567890123456789012345678901234567890123456789012345678901234567890123456

[illegible]

TOTAL NUMBER OF OBSERVATIONS



# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION	STATION NAME	YEARS	MONTH
CLARE			NOV 66 (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-01  
YEAR

JAN  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.9	1.1	.4								4.8	6.5
NNE		.6		.1								.7	6.0
NE		.2	.4									.6	6.2
ENE	.1		.1	.1								.4	7.0
E		1.5										1.5	5.1
ESE	.2	2.4	.6	.4								3.7	5.9
SE	.4	2.3	1.2	.1								4.0	5.7
SSE	.4	3.8	3.2	.7								8.0	6.8
S	.6	4.3	4.4	2.1	.2							11.6	7.9
SSW		1.0	.9	.2								2.1	7.1
SW	.1	1.1	.5	.1								1.8	6.1
WSW	.1	.9	.5	.1								1.6	5.9
W	.2	2.2	2.9	1.2	.1							6.7	8.1
WNW		2.3	1.7	.9	.2							5.1	8.4
NW	.4	3.0	4.1	3.9	.5							11.9	9.4
NNW	.2	3.8	2.9	2.3	.1							9.4	8.1
VARBL													
CALM												26.2	
	3.2	32.3	24.5	12.7	1.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 821



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.7	1.0	.5								4.7	6.1
NNE	.1	.1	.1									.4	4.7
NE	.1	.1	.1									.4	5.7
ENE													
E	.2	1.0	.4									1.6	5.3
ESE	.2	2.1	1.2									3.5	5.7
SE	.2	2.3	.6	.4								3.5	6.1
SSE	.1	3.8	3.5	.1								7.5	6.6
S	.4	5.4	5.5	1.2	.1							12.5	7.3
SSW		.7	.2	.4								1.3	7.6
SW	.1	.9	.1	.1								1.2	6.0
WSW		1.0	.1	.1								1.2	6.3
W	.1	2.8	2.4	2.4								7.8	8.6
WNW		1.0	2.3	.7								4.0	8.6
NW	.2	3.3	4.6	3.5	.9							12.5	9.7
NNW	.4	5.0	4.0	2.2	.1							11.7	7.9
VARBL													
CALM												26.0	
	2.9	32.0	26.3	11.7	1.1							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 822



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

72643C  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.7	1.0	.4								5.4	6.2
NNE	.1	.4										.5	4.0
NE	.1	.1										.1	5.0
ENE	.1	.1										.2	3.5
E	.1	1.2	.5	.1								2.0	6.0
ESE	.1	2.1	1.0	.2								3.4	6.1
SE	.5	2.9	1.1	.1								4.7	5.7
SSE	.4	3.7	3.7	.7								8.5	7.2
S	.4	4.9	4.0	.9	.1							10.3	6.9
SSW	.1	1.2	1.1	.1								2.6	6.5
SW	.1	.5	.1		.1							.9	7.1
WSW		1.0	.4	.1								1.5	6.0
W	.2	2.8	2.3	1.0	.1	.1						6.6	8.0
WNW		.6	2.6	1.3	.2							4.8	10.2
NW	.2	3.6	5.3	3.1	1.0							13.1	9.4
NNW	.7	3.8	5.3	1.8	.2	.2						12.1	8.4
VARIABLE													
CALM												23.3	
	1.6	32.6	28.3	9.9	1.8	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 815



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	.4	.4								2.9	6.3
NNE		.5										.5	4.5
NE													
ENE		.1	.1									.2	6.0
E		.9	.7									1.6	6.7
ESE	.2	1.3	1.3									2.9	6.2
SE	.1	2.8	1.2		.1							4.3	6.3
SSE		3.6	2.6	1.7								7.8	7.9
S	.1	6.2	5.6	2.1	.1							14.2	7.5
SSW	.4	1.1	.6	.4	.1							2.6	7.0
SW	.1	.1	.1	.1								.5	6.8
WSW		.9	.2		.2							1.3	6.2
W	.1	1.6	4.0	1.5	.1							7.4	6.8
WNW	.4	2.2	2.2	1.6	.5							6.9	8.9
NW	1.0	3.8	6.1	5.1	.7	.1						16.9	9.4
NNW	.1	4.5	4.4	2.1	.2							11.4	8.1
VARBL													
CALM												18.5	
	2.7	31.7	29.8	15.0	2.2	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 816



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	.4	.6								2.1	7.6
NNE													
NE				.1								.1	11.0
ENE			.5									.5	8.0
E	.1	.6	1.7									2.5	7.1
ESE	.2	.7	1.1									2.1	6.2
SE	.2	1.6	.7	.5								3.1	7.0
SSE	.2	3.7	3.4	.9								8.2	7.0
S	.4	7.0	4.7	2.9								15.0	7.6
SSW	.1	.9	.9	.4								2.2	7.8
SW	.2	.5	.4	.1								1.2	6.3
WSW		.4	.2	.4								1.0	9.1
W		2.1	4.5	2.9	.7							10.3	10.1
WNW	.4	2.2	3.3	3.4	.4							9.7	9.6
NW	.7	5.0	8.3	4.7	.7	.1						19.6	8.9
NNW	.2	3.8	4.2	2.0	.1							10.3	8.1
VARBL													
CALM												12.3	
	1.1	29.4	14.3	18.9	2.0	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

816



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	1.2	.4								3.2	7.2
NNE		.5	.2									.7	6.0
NE		.1										.1	5.0
ENE	.1	.4	.4	.1								1.0	6.0
E		1.1	1.5									2.6	7.0
ESE	.1	1.3	1.1	.6								3.2	7.9
SE		1.5	.7	.1								2.3	5.9
SSE	.1	2.3	2.9	1.0								6.3	7.7
S	1.0	4.1	3.5	1.3	.1							10.1	7.0
SSW	.2	1.7	1.9	.2								4.1	6.9
SW		.2	.7	.2								1.2	8.8
WSW		.5	.5	.4								1.3	8.5
W	.4	3.9	5.7	4.5	.4							14.9	9.2
WNW		2.7	3.9	2.1		.1						8.8	8.9
NW	.4	4.6	8.5	3.9	.9	.1						18.4	9.1
NNW	.6	3.8	2.6	1.6		.1						8.6	7.6
VARBL													
CALM												13.2	
	1.3	30.0	35.4	16.4	1.3	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

821



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	1.1	.2								4.0	6.2
NNE	.1	.2	.4									.7	6.5
NE	.1	.2										.4	4.0
ENE		.2	.2									.5	7.3
E		1.0	.7	.1								1.9	7.0
ESE		2.7	1.7	.2								4.7	6.6
SE	.1	1.9	1.2	.2								3.5	6.7
SSE	.1	1.2	1.7	1.0								4.1	8.5
S	.2	6.3	4.2	1.4								12.1	6.9
SSW		.9	.7									1.6	6.5
SW	.1	1.1	.6	.4								2.2	6.9
WSW	.4	1.5	.9	.2								3.0	6.7
W	.2	2.8	4.9	1.4	.1							9.5	8.0
WNW	.2	1.7	4.6	1.0	.4	.2						8.1	9.1
NW	1.0	3.8	5.4	4.0	.4							14.6	8.7
NNW	.5	4.2	3.6	1.1		.1						9.5	7.4
VARBL													
CALM												19.8	
	1.5	32.2	32.1	11.2	.9	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

810



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

JAN  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	2.0	.5								4.3	7.3
NNE		.4	.5									.9	7.0
NE		.6										.6	4.8
ENE		.2		.1								.4	8.0
E	.9	.6	.6	.1								2.2	5.7
ESE	.4	2.4	1.8	.1								4.8	6.1
SE		2.7	1.7	.4								4.8	6.7
SSE	.4	2.4	2.8	1.1	.1							6.8	7.8
S	.7	4.2	3.9	1.8								10.8	7.6
SSW		1.6	.2	.1								2.0	5.8
SW	.1	1.2	.7									2.1	6.1
WSW	.1	1.3	.5	.1	.1							2.2	6.8
W	.2	2.9	3.3	.7	.1							7.3	7.7
WNW		2.1	2.8	.7	.1							5.7	7.9
NW	.4	3.9	4.0	3.6	.6							12.3	9.1
NNW	.6	3.2	2.7	1.6	.4							8.9	8.1
VARB.													
CALM												24.6	
	9.0	31.4	27.6	10.9	1.5							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

518



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JAN  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	1.0	.4								3.9	6.6
NNE	.0	.3	.2	.0								.6	5.8
NE	.0	.2	.1	.0								.3	5.5
ENE	.0	.1	.2	.0								.4	6.7
E	.2	1.0	.6	.0								2.0	6.3
ESE	.2	1.9	1.2	.2								3.5	6.3
SE	.2	2.2	1.1	.2	.0							3.8	6.2
SSE	.2	3.1	3.0	.9	.0							7.2	7.3
S	.5	5.3	4.5	1.7	.1							12.1	7.9
SSW	.1	1.1	.8	.2	.0							2.3	6.9
SW	.1	.7	.4	.1	.0							1.4	6.7
WSW	.1	.9	.4	.2	.0							1.6	7.0
W	.2	2.6	3.8	2.0	.2	.0						8.8	8.7
WNW	.1	1.9	2.9	1.5	.2	.0						6.6	9.0
NW	.5	3.9	5.8	3.9	.7	.0						14.9	9.2
NNW	.4	4.0	3.7	1.8	.2	.1						10.2	8.0
VARBL													
CALM												20.5	
	3.3	31.5	29.8	13.3	1.5	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

6539



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

FEB  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.5	1.2	1.1		.1						6.1	7.4
NNE		.4	.3	.1								.8	7.5
NE	.1	.4	.8									1.3	7.3
ENE	.4	.8	.7	.1								2.0	6.1
E	.1	1.3	1.2	.1								2.8	6.6
ESE	.5	2.4	1.3									4.3	5.8
SE	.5	3.1	1.3	.7								5.7	6.5
SSE		3.9	2.8	.5	.1							7.4	7.2
S		3.1	3.9	2.3	.5							9.8	9.0
SSW		.8	.1	.1								1.1	6.3
SW		.3	.3	.1								.7	8.2
WSW	.1	.5	.1									.8	5.3
W	.3	1.5	1.5	1.3								4.6	8.2
WNW	.1	.5	1.8	1.1	.3							3.8	10.1
NW	.1	3.1	4.3	2.4								10.0	8.6
NNW	.3	3.1	2.8	.9	.4							7.5	7.9
VARBL													
CALM												31.3	
	2.8	28.8	29.8	11.1	1.3	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

792



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430 LA CROSSE MAP, WI 73-81 FEB  
STATION DATE STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0300-0500  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.6	1.6	.4	.3							4.9	7.6
NNE		.7	.4									1.1	6.4
NE		.8	.7									1.5	6.2
ENE		.8	.5	.1								1.5	7.1
E	.4	1.6	1.6	.1								3.8	6.4
ESE	.1	2.9	1.4									4.4	6.0
SE	.3	3.4	.4	.3								4.4	5.5
SSE		4.2	4.0	1.0	.1							9.3	7.4
S	.4	5.6	3.1	.5	.3							10.0	6.8
SSW	.1	.5	.3	.1								1.1	6.6
SW	.1	.1	.1	.1								.5	7.0
WSW	.1	.5	.4	.1								1.2	6.8
W	.1	.5	2.3	1.0								4.0	8.6
WNW		1.0	1.0	1.1								3.0	8.8
NW	.5	2.3	4.4	3.0	.3							10.5	9.0
NNW	.4	4.4	2.3	1.9	.1							9.1	7.6
VARBL													
CALM												29.7	
	2.7	32.1	24.4	9.8	1.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 733



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	1.2	.9	.1							4.3	8.4
NNE		.4	.1									.5	6.5
NE		.1										.1	5.0
ENE	.1	1.3	.7									2.1	5.9
E	.3	1.9	1.6									3.7	6.3
ESE	.1	2.9	1.5									4.5	5.7
SE	.7	3.2	1.3	.3								5.5	5.7
SSE	.4	2.3	4.3	.8	.1							7.9	7.8
S	.5	5.1	4.0	1.8	.3							11.4	7.3
SSW		.9	.5									1.5	6.4
SW		.7		.3								.9	7.7
WSW		.3	.3									.5	7.8
W	.1	1.5	1.7	1.6								4.9	9.0
WNW		.8	2.1	1.3	.3							4.5	9.8
NW	.1	3.6	3.9	1.9	.1							9.6	8.3
NNW	.7	5.6	3.3	2.4	.5	.1						12.7	8.1
VARB													
CALM												25.1	
	3.1	32.6	24.6	11.0	1.5	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 798



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	1.7	1.2								9.4	8.6
NNE	.1		.7									.8	7.7
NE	.1	.7	.3									1.1	5.6
NNE		1.6	.9	.1								2.7	6.8
E		1.9	1.6	.3								3.8	7.0
ESE	.3	1.3	.9	.1								2.7	6.4
SE	.1	2.8	1.9	.3								5.1	6.4
SSE	.5	2.0	3.8	1.6	.1							8.1	8.1
S	.7	5.2	5.6	2.3	.1							16.0	7.8
SSW		.9	.5	.9								2.0	7.6
SW	.1	.7	.1	.1								1.1	5.5
WSW		.5		.5	.1							1.2	10.3
W	.1	2.0	1.9	1.5	.3							5.8	8.7
WNW	.1	2.1	2.1	1.7	.3							6.4	8.9
NW	.1	4.8	6.4	3.9	.1							15.4	8.6
NNW	.8	3.0	3.2	2.7	.7							10.3	8.9
VARIABLE													
CALM												15.2	
	3.4	31.0	31.8	16.9	1.7							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 745



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430 LA CROSSE MAP, WI

73-81

FEB

ALL WEATHER  
CLASS

1200-1900  
MOON (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.6	.5								2.9	8.2
NNE		.5	.7	.3								1.5	8.6
NE		.3	.8									1.1	7.6
ENE		1.1	2.0									3.1	7.0
E	.1	1.3	2.8	.3	.1							4.7	7.6
ESE		.5	.5	.3								1.3	7.8
SE	.4	1.2	.7	.4								2.7	7.1
SSE		1.2	2.9	2.5	.3							7.0	9.6
S	.3	2.1	7.0	2.7	.4							12.4	9.0
SSW	.1	.8	1.3	.9	.3							3.5	9.3
SW	.1	.5	.3									.9	5.6
WSW		.1	.3	.4								.8	9.5
W	.1	2.1	2.0	2.1	.4							6.8	9.4
WNW	.1	3.5	2.7	2.8								9.1	8.5
NW	.3	6.4	6.6	5.8	.3							19.3	8.8
NNW		3.1	3.5	2.7	.9							10.2	9.8
VARBL													
CALM												12.7	
	1.7	25.6	35.6	21.7	2.7							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 797



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.9	1.6	.5								4.2	7.2
NNE	.1	1.1	.9									2.1	6.5
NE		.5		.3								.8	7.2
NNE		1.1	1.2	.4								2.7	7.7
E		1.1	1.9	.5								3.5	8.0
ESE		1.2	1.3	.3								2.8	7.3
SE	.3	.8	.8	.8								2.7	8.1
SSE	.1	2.0	2.1	1.2	.1							5.6	8.9
S	.3	3.0	5.1	2.4	.1							11.9	8.3
SSW		2.1	1.6	.3								4.0	7.0
SW		.1	.8	.1								1.1	8.6
WSW	.1	.9	1.1	.5								2.7	7.8
W	.1	2.4	5.5	3.2	.7	.1						12.1	9.8
WWW	.1	2.4	2.4	2.4								7.4	8.9
NW	.1	4.3	6.6	3.6	.3	.1						15.0	8.9
NNW	.9	3.2	3.9	3.4	.1							11.5	8.5
VARB													
CALM												9.9	
	2.7	29.8	36.9	20.0	1.3	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

796



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

FEB  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.5	1.5	.4								4.7	6.2
NNE		.9	.5									1.5	6.5
NE		.9	.4	.1								1.5	7.1
ENE	.3	.8	.5	.3								1.9	6.3
E	.1	1.7	.9	.3								3.1	6.3
ESE	.3	4.0	1.6									5.9	5.6
SE		1.6	1.1	.7								3.3	7.4
SSE	.4	2.8	2.9	.4								6.6	7.0
S	.3	2.3	3.5	1.3	.3							7.6	8.3
SSW	.1	.7	.7	.3								1.7	7.2
SW		.8	.5	.1								1.5	6.9
WSW	.1	.8	.4	.3								1.6	6.8
W	.3	4.3	4.3	1.6	.3							10.7	7.8
WNW		2.5	2.8	1.3								6.7	7.8
NW	1.3	2.4	3.9	2.5	.4							10.6	8.4
NNW	.5	4.4	4.1	.7	.1							9.9	7.1
VARBL													
CALM												21.3	
	4.0	33.6	29.7	10.3	1.1							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

747



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		3.1	1.5	.3								4.8	6.4
NNE	.1	.7	.3	.3								1.3	7.2
NE	.6	.8	.3	.1								1.2	5.8
ENE		.7	.7	.3								1.6	8.0
E	.1	1.9	.7	.1								2.8	6.3
ESE		2.2	1.7	.3								4.2	6.6
SE	.7	3.1	1.7	.8								6.0	6.3
SSE	.7	2.2	2.2	.4	.1							5.5	6.8
S	.4	3.6	4.2	1.7	.7							10.6	8.4
SSW	.1	.7	.1									.9	5.1
SW		.1	.1									.3	6.0
WSW	.1	.7										.8	4.7
W	.3	2.8	3.2	2.0	.3							8.6	8.5
WNW	.1	1.5	1.9	.9	.1	.1						4.7	8.7
NW	.4	2.7	3.9	2.0	.7							9.7	9.1
NNW	.4	3.0	2.8	1.8	.1							7.8	7.9
VARS													
CALM												29.0	
	1.9	29.2	25.1	10.8	2.0	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

799



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	1.5	.7	.1	.0						4.5	7.4
NNE	.1	.6	.5	.1								1.2	7.1
NE	.1	.5	.4	.1								1.1	6.6
ENE	.1	1.0	.9	.2								2.2	6.9
E	.2	1.6	1.5	.2	.0							3.5	6.9
ESE	.2	2.2	1.3	.1								3.8	6.2
SE	.4	2.4	1.2	.5								4.4	6.4
SSE	.3	2.6	3.1	1.1	.1							7.2	7.8
S	.4	3.8	4.6	1.8	.3							11.0	8.1
SSW	.1	.9	.7	.3	.0							2.0	7.3
SW	.1	.4	.3	.1								.9	7.0
WSW	.1	.6	.3	.2	.0							1.2	7.5
W	.2	2.2	2.8	1.8	.2	.0						7.2	8.8
WNW	.1	1.8	2.1	1.6	.1	.0						5.7	8.8
NW	.4	3.7	5.0	3.1	.3	.0						12.5	8.7
NNW	.5	3.7	3.3	2.0	.4	.0						9.9	8.2
VARBL													
CALM												21.8	
	1.0	30.2	29.4	13.9	1.6	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 5952



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.6	1.5	.5	.6							6.1	7.8
NNE		.5	.9	.1								1.5	8.0
NE	.2	.6	.5									1.3	6.0
ENE		1.2	1.1									2.3	6.6
E	.5	2.9	3.1	.2	.1							6.9	7.1
ESE		5.3	1.6	.1								7.0	6.0
SE	.1	3.3	.7	.2								4.4	5.8
SSE	.6	2.2	2.5	.9								6.1	7.1
S		3.3	3.9	1.5	.2							9.0	8.2
SSW	.2	.5	.1	.1	.0							1.3	9.6
SW		.7	.0									1.1	5.9
WSW		1.2	.1									1.3	5.5
W		1.3	1.7	1.1	.1							4.3	8.6
WNW		1.6	.9	.6	.1							3.2	8.0
NW		3.2	4.3	2.0	.1							9.6	8.4
NNW	.2	3.4	3.3	1.3	.1							8.3	7.7
VARBL													
CALM												26.0	
	2.0	18.0	26.5	8.7	1.8							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 815



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.3	2.1	1.2	.1							6.9	7.5
NNE		.1	.5									.6	7.8
NE		.1	.4									.5	7.5
ENE		1.8	1.6	.2								3.6	6.6
E	.5	3.6	1.9	.5								6.5	6.5
ESE	1.3	3.8	1.2	.6								6.9	5.8
SE	.2	2.9	1.9	.2								5.3	6.4
SSE	.1	2.5	3.5	1.2								7.4	7.8
S	.4	2.2	5.8	1.2								9.6	8.0
SSW	.1	.4	.2									.7	5.3
SW		.4	.2	.1	.1							.8	9.0
WSW		.7	.1									.8	5.4
W		1.8	1.3	1.0								4.1	7.9
WNW		1.1	1.7	1.0								3.8	8.5
NW	.4	2.4	4.2	1.9	.1							9.1	8.4
NNW	.2	3.6	4.8	.7	.1							9.6	7.4
VARBL													
CALM												23.7	
	3.5	30.8	31.6	9.9	.5							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 826



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	1.7	1.2								6.2	7.4
NNE	.1	.2	.6	.1								1.1	7.4
NE	.2	1.1	.9									2.2	5.8
ENE	.2	.2	1.0									1.5	7.0
E	.1	4.1	1.7	.1								6.0	6.1
ESE	.6	4.1	1.8	.6								7.1	6.4
SE	.4	3.3	2.5	.6								6.8	6.6
SSE	.4	1.5	3.8	.9								6.5	8.0
S	1.0	3.4	4.4	2.7	.1							11.7	8.1
SSW	.1	.7	.4	.1								1.4	6.5
SW	.1	.4	.5									1.0	5.9
WSW		.2	.4									.6	7.6
W	.2	1.2	1.1	.7								3.3	7.7
WNW		1.5	2.5	1.0		.1						5.0	8.8
NW		2.6	4.2	2.8	.5							10.1	9.6
NNW	.2	4.7	3.9	1.4	.2							10.5	7.6
VARBL													
CALM												19.1	
	4.3	32.0	31.4	12.3	.9	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 813



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.8	1.2	1.2	.4							4.8	8.9
NNE	.1	.4	1.0	.2								1.7	8.3
NE		.6	.7	.6								2.0	8.7
ENE	.2	1.3	1.5	.6								3.7	7.7
E	.1	3.4	2.0	1.0								6.5	7.3
ESE	.2	1.5	1.0	1.2	.1							4.0	8.3
SE	.7	2.3	1.6	.7								5.4	8.7
SSE	.2	2.2	4.4	2.2								9.0	8.7
S	.5	3.8	4.8	3.8	.5							13.3	8.9
SSW	.2	1.1	.7	.7								2.8	8.1
SW		.4	.6	.2								1.2	8.0
WSW	.2	.2	.5	.1								1.1	7.6
W	.1	1.8	1.5	1.2								4.6	8.3
WWW		2.1	1.5	2.2	.1							5.9	9.2
NW	.4	3.3	5.2	5.5	.2	.1						14.8	9.6
NNW	.5	2.4	3.4	2.6	.2	.1						9.3	8.9
VARBL													
CALM												10.1	
	3.8	28.7	31.8	24.1	1.6	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 820



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

MAR  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.8	1.8	.1							4.4	10.3
NNE		.5	.7	.5								1.7	8.6
NE	.2	.5	.9	.6	.1							2.3	8.8
ENE		1.2	1.2	1.1	.1	.1						3.8	9.4
E	.2	2.0	2.1	2.0	.2							6.5	8.8
ESE	.1	.9	.7	1.5								3.2	9.7
SE		.7	2.1	.6								3.4	9.1
SSE	.4	.9	2.8	1.0	.1							5.1	8.8
S	.1	3.4	5.3	3.8	.2							12.8	9.1
SSW	.1	1.3	2.3	2.0	.4	.1						6.2	10.0
SW	.1	.5	.9	.1	.2							1.8	9.3
WSW	.1	.6	.5	.5								1.7	8.3
W		1.5	3.8	2.9	.4							8.5	10.5
WNW	.2	2.2	2.6	1.6	.7	.2						7.6	9.8
NW	.5	2.6	5.3	5.9	.7							14.9	10.1
NNW	.2	2.1	2.9	3.3	.2	.2						9.0	10.1
VARB													
CALM												7.0	
	2.4	21.4	35.8	29.1	3.7	.7						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

819



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726030  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

MAR  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	1.3	1.6	.4							4.9	9.8
NNE	.2	.6	1.5	.4								2.7	7.9
NE	.2	.6	.9	.7								2.4	8.3
ENE		1.7	1.7	.6								4.0	7.5
E	.2	1.7	3.4	1.5								6.8	8.5
ESE		1.7	1.2	.7								3.6	8.0
SE	.1	.2	2.2	1.7								4.3	10.1
SSE		1.5	1.7	1.5								4.6	8.8
S		2.2	3.2	2.7	.2							8.3	9.5
SSW		.6	2.7	1.6	.4							5.2	10.5
SW		.6	1.2	1.2	.2							3.3	10.3
WSW		1.0	1.3		.2							2.3	7.9
W	.1	2.1	3.5	3.4	.7							9.9	10.2
WNW	.5	2.6	2.3	3.2	.5							9.0	9.4
NW	.5	2.3	6.7	5.6	.4							15.5	9.8
NNW	.1	1.7	2.2	2.9	.5							7.4	10.2
VARB.													
CALM												5.8	
	2.3	22.4	34.7	29.2	3.5							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

822



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430 LA CROSSE MAP, WI

73-81

MAR

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

CLASS

1800-2000

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.0	1.3	1.3	.4							6.6	8.1
NNE	.5	1.2	1.2	.8								3.4	7.2
NE	.2	.4	.9	.4								1.8	7.5
ENE	.1	1.5	1.3	.1								3.0	6.9
E	.2	2.9	2.7	.4								6.2	6.6
ESE		2.3	1.8	1.0								5.1	7.8
SE	.1	1.7	1.2	1.7								4.8	8.4
SSE	.2	2.3	1.5	.1								4.1	6.2
S	.1	2.9	3.4	.9	.1							7.4	7.7
SSW		1.3	1.3	.9	.2							3.8	9.3
SW		.4	.4	.1	.1							1.0	9.1
WSW	.1	.7	.7	.2								1.8	6.9
W	.5	3.3	4.0	1.7	.1							9.6	7.9
WNW		1.7	3.2	2.1	.4							7.3	9.8
NW	.4	3.7	4.4	2.1	.1							10.6	8.1
NNW	.2	2.8	2.4	2.0		.1						7.6	8.2
VARBL													
CALM												15.7	
	1.3	32.2	31.8	15.4	1.5	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

820



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAR  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		2.2	1.6	1.0								4.8	7.8
NNE		1.0	.4	.1								1.5	6.7
NE	.1	1.4	1.5	.1								3.1	6.9
ENE	.1	.6	1.4	.2								2.3	7.7
E		2.6	3.1		.1							5.8	7.0
ESE	.4	3.3	1.6	.2	.1							5.7	6.2
SE	.2	1.7	2.6	.4								4.9	7.4
SSE		2.2	2.3	.9								5.4	7.6
S	.1	3.1	3.5	1.7	.1							8.5	8.2
SSW		.6	.2	.5		.1						1.5	9.8
SW	.1	.9	.2		.1	.1						1.5	8.2
WSW	.1	.7	.5									1.4	6.3
W		.9	2.8	.5	.1							4.3	6.9
WNW		1.2	2.3	1.6	.2							5.4	9.6
NW	.1	3.3	1.7	2.2	.2							7.7	8.7
NNW	.7	3.8	2.8	2.1	.5							9.1	8.1
VARBL													
CALM												27.0	
	2.1	29.6	27.8	11.6	1.6	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 810



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

HAR  
LIGHTS

ALL WEATHER  
CLASS

ALL  
MOON (L.S.V.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	1.6	1.2	.2							5.6	8.3
NNE	.1	.6	.8	.2								1.8	7.7
NE	.2	.7	.8	.3	.0							2.0	7.5
ENE	.1	1.2	1.3	.4	.0	.0						3.0	7.5
E	.2	2.9	2.5	.7	.1							6.4	7.3
ESE	.3	2.8	1.4	.7	.0							5.3	6.9
SE	.2	2.0	1.8	.8								4.9	7.4
SSE	.2	1.9	2.8	1.1	.0							6.1	7.9
S	.3	3.0	4.3	2.3	.2							10.1	8.5
SSW	.1	.8	1.0	.7	.2	.0						2.9	9.4
SW	.0	.5	.6	.2	.1	.0						1.5	8.7
WSW	.1	.7	.5	.1	.0							1.4	7.1
W	.1	1.7	2.5	1.6	.2							6.1	9.0
WNW	.1	1.7	2.1	1.7	.3	.0						5.9	9.3
NW	.3	2.9	4.5	3.5	.3	.0						11.5	9.2
NNW	.3	3.1	3.1	2.0	.2	.1						8.9	8.5
VARB.													
CALM												16.8	
	3.0	29.0	31.6	17.6	1.9	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 6595



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0000-0200  
DDMM (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.6	2.5	2.3	.4							8.9	8.7
NNE	.1	2.0	1.3	.6								4.1	7.2
NE		.5	1.0									1.5	7.3
ENE	.3	.5	1.0	.3								2.0	7.3
E	.4	3.8	2.8	.5	.1							7.6	6.7
ESE	.4	4.6	2.8	.9								8.6	6.7
SE	.5	5.2	1.9	1.1								8.8	6.5
SSE	.4	2.2	3.7	.4								6.6	7.3
S	.3	2.5	2.7	1.5	.1							7.1	8.2
SSW		.4		.4								.8	8.8
SW		.1	.1	.6								.9	11.1
WSW	.1	.6	.5	.1		.3						1.7	9.5
W		.6	1.1	.5	.3							2.5	9.6
WNW	.1	.9	.4	.8	.8							2.9	10.7
NW		1.7	2.2	1.3	.6							5.7	9.8
NNW		2.7	3.2	.9	.4							7.1	8.3
VARB.													
CALM												23.1	
	2.7	31.9	27.2	12.2	2.7	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

787



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	4.0	2.7	1.2								8.2	7.3
NNE		.6	1.2	.4								2.2	8.4
NE		.6	.4	.3								1.3	7.4
NNE		.5	1.8	.4								2.7	8.3
E	.5	3.3	2.3	1.2	.1							7.4	7.1
ESE	.5	5.1	2.6	.6								8.8	6.4
SE	.8	5.2	2.8	.6								9.5	6.2
SSE	.8	3.2	2.8	.6								7.4	8.8
S	.1	3.1	2.9	1.9								8.1	8.1
SSW		.6	.4	.3								1.3	7.5
SW	.1	.3	.4	.4								1.2	8.4
WSW		.1	.4	.1								.6	9.8
W		.4	.8	1.2	.3							2.6	11.2
WNW		.5	.6	.1	.3							1.5	9.6
NW		1.3	2.7	1.9	.4							6.3	9.9
NNW	.3	3.1	5.1	2.6	.5							11.5	8.4
VABL													
CALM												19.5	
	1.5	12.0	29.8	13.7	1.5							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 781



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTHS

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.0	2.9	2.0								8.2	8.1
NNE		1.1	2.3	.6								4.0	8.3
NE		.9	1.1	.5								2.5	8.0
ENE		.5	1.6	.5								2.6	8.4
E		3.9	2.8	1.0								7.7	7.1
ESE	.5	4.7	3.3	.6								9.1	6.6
SE	1.1	4.5	1.9	.4								7.9	6.0
SSE		2.4	5.2	1.0								8.6	7.9
S	.4	2.5	4.8	2.4								10.1	8.4
SSW	.3	.2	.4	.1								1.5	6.1
SW		.1	.1	.4								.6	10.4
WSW		.9	.1	.1								1.1	5.9
W		.6	.5	1.1	.3	.1						2.6	11.7
WNW		.5	.1	1.5	.3							2.4	12.2
NW	.4	1.3	2.0	2.4	.3							6.3	9.5
NNW	.4	2.3	4.5	3.1	.4							10.7	9.3
VARBL													
CALM												14.1	
	1.1	29.9	33.6	17.9	1.1	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 795



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.9	3.4	2.5								8.0	9.2
NNE		1.4	1.6	1.0								4.0	8.7
NE	.1	.6	1.6	.3								2.7	8.0
ENE		1.4	1.5	.1								3.0	7.0
E	.3	2.5	2.7	.8								6.2	7.6
ESE	.3	1.6	2.7	2.4								7.0	8.8
SE	.1	1.3	2.0	1.6								5.1	9.0
SSE		2.0	4.0	2.0								8.1	8.8
S	.1	3.9	5.6	3.4	.6							13.7	9.0
SSW		.6	1.3	1.8								3.7	9.9
SW		.1	.5	.9								1.5	11.3
WSW		1.1	.5	.3								1.9	7.3
W	.4	1.4	.6	1.0	.9							3.8	8.9
WNW		1.5	2.4	1.4	.9							5.7	9.5
NW	.4	1.8	2.8	2.9	1.3	.1						9.2	10.7
NNW	.1	1.9	4.4	3.9	.3							10.2	9.9
VARIABLE													
CALM												6.3	
	1.9	25.2	37.7	25.9	2.9	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

791



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.4	2.7	2.3	.1							6.7	9.4
NNE		1.1	1.9	1.4	.3							4.7	9.4
NE		.6	1.3	.3								2.2	7.9
ENE		.9	1.3	.1								2.3	7.3
E		1.3	3.0	1.0								5.3	8.9
ESE	.3	1.0	2.9	2.4								6.6	9.3
SE	.3	1.1	1.4	1.8								4.6	9.1
SSE	.1	1.4	2.0	2.7	.3							6.5	10.1
S	.3	1.5	4.8	4.7	.8							12.0	10.4
SSW	.1	.9	1.5	2.2	.8							5.4	11.2
SW		.6	.3	1.0	.3							2.2	11.2
WSW		.8	1.0	.5								2.3	8.7
W	.3	1.5	2.9	1.6	.9							7.2	10.0
WNW		1.5	1.4	2.4	.9							5.4	10.5
NW	.1	1.8	4.7	5.4	1.1							13.2	10.8
NNW		1.6	3.4	3.8	.5							9.4	10.4
VARBL													
CALM												3.7	
	1.6	19.1	16.5	13.6	5.4							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 789



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	4.3	2.8								8.5	9.6
NNE	.3	1.1	2.7	.8	.1							4.9	8.3
NE		1.8	1.5	.4								3.7	7.3
ENE	.3	.9	1.6	.4								3.2	7.7
E	.1	1.5	3.0	1.3								5.9	8.4
ESE		.9	3.0	1.6	.1							5.7	9.6
SE	.1	.8	1.9	2.3	.1							5.2	10.3
SSE		1.3	1.4	2.4	.1							5.2	10.2
S	.1	1.4	3.8	4.2	.3							9.7	10.6
SSW		1.0	1.0	2.1	.9							4.7	10.7
SW		.3	1.1	1.1	.5							3.0	11.7
WSW		1.3	.9	.6								2.8	7.7
W		2.7	2.0	2.3		.4						7.3	9.7
WNW	.1	2.0	2.4	2.4	.5	.3						7.7	10.1
NW	.3	1.5	4.8	5.1	.9							12.5	10.7
NNW	.1	1.0	2.8	1.9								5.8	9.6
VARBL													
CALM												4.2	
	1.4	20.7	38.3	31.6	3.2	.6						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

791



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.0	3.6	1.3	.3							8.3	8.1
NNE	.1	2.7	2.2	.6								5.6	6.9
NE		.8	.9	.8								2.4	8.4
ENE		.8	.9	.3								1.9	8.0
E	.5	3.6	2.5	.6								7.2	6.5
ESE	.3	3.4	3.3	1.5								6.5	7.6
SE	.1	1.9	2.0	.6								4.7	7.5
SSE	.1	1.5	1.7	.9								4.2	8.4
S	.1	2.9	3.6	1.9								8.5	8.2
SSW	.1	.6	1.4	.8								2.9	8.4
SW	.1	2.4	.5	.6	.1							3.8	7.0
WSW		1.3	1.0	.3	.1	.1						2.8	8.5
W	.4	1.4	1.8	1.4	.1							5.1	8.8
WNW	.4	2.0	1.7	.9	.5							5.5	8.8
NW	.1	1.8	2.7	2.4	.9							7.9	10.1
NNW	.4	2.2	3.4	1.7	.3							7.9	8.5
VARBL													
CALM												12.8	
	2.9	32.3	33.0	16.5	2.3	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

787



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.8	2.7	2.2	.3							8.6	8.4
NNE	.1	1.3	1.6	.5	.1							3.7	8.0
NE		1.3	.9	.5	.1							2.8	8.3
ENE	.3	1.4	1.5	.3								3.4	6.7
E	.5	3.4	2.3	.3	.3							6.7	6.7
ESE	1.0	4.9	3.9	.6								10.5	6.5
SE	.8	3.2	1.6	1.8								7.4	7.5
SSE		2.8	1.6	.5								4.9	6.9
S	.1	2.3	3.0	1.9	.1							7.5	8.8
SSW	.3	.4	.5	.9	.3							2.3	9.9
SW	.1	.3		.1								.5	6.0
WSW		1.3	.4	.1								1.8	6.1
W		.6	1.4	1.1								3.2	9.3
WNW		.5	1.6	1.1	.3							3.5	10.5
NW		1.6	.8	1.8	.4							4.6	10.1
NNW		3.2	1.8	1.3	.4							6.6	8.4
VARBL													
CALM												22.1	
	3.9	31.2	25.7	15.0	2.2							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 789



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.6	3.1	2.1	.1							8.2	8.1
NNE	.1	1.4	1.8	.7	.1							4.2	8.4
NE	.0	.9	1.1	.4	.0							2.4	7.8
ENE	.1	.9	1.4	.3								2.6	7.5
E	.3	2.9	2.7	.8	.1							6.8	7.3
ESE	.4	3.3	3.1	1.3	.0							8.1	7.5
SE	.5	2.9	1.9	1.3	.0							6.6	7.4
SSE	.2	2.1	2.8	1.3	.0							6.4	8.3
S	.2	2.5	3.9	2.7	.2							9.6	9.1
SSW	.1	.7	.8	1.1	.2							2.8	9.8
SW	.0	.5	.4	.6	.1							1.7	9.7
WSW	.0	.9	.6	.3	.0	.0						1.9	7.9
W	.1	1.2	1.4	1.3	.3	.1						4.3	9.8
WNW	.1	1.2	1.3	1.3	.4	.0						4.4	10.1
NW	.2	1.6	2.8	2.9	.7	.0						8.2	10.3
NNW	.2	2.2	3.6	2.3	.3							8.7	9.1
VARBL													
CALM												13.2	
	2.6	27.8	32.7	20.8	2.7	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 6310



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.3	1.6	.5	.2							5.7	7.1
NNE	.2	1.2	1.0	.4								2.8	6.9
NE	.2	.6	.5									1.4	6.0
ENE	.2	.4	1.0	.5								2.1	7.9
E	1.1	6.3	1.8									9.2	5.3
ESE	.9	10.7	1.6	.2								13.4	5.3
SE	1.8	7.0	2.2	.2								11.3	5.4
SSE	.4	4.8	3.0	.5								8.6	6.4
S	.6	2.5	3.1	.9	.1							7.1	7.5
SSW		.5	.5	.4	.1							1.5	9.8
SW		.6	.2	.1								1.0	6.9
WSW		.6	.6	.4								1.6	7.9
W		.6	1.1	.2	.1							2.1	8.4
WNW			.7	.4								1.1	10.9
NW	.1	.6	.6	1.5								2.8	9.9
NNW		2.1	2.6	1.1	.1							5.9	8.3
VARBL													
CALM												22.4	
	5.7	41.8	22.1	7.3	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 813



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.5	1.8	.7	.2							5.5	7.7
NNE		.6	.2	.1								1.0	6.8
NE	.1	.7	.2	.2								1.4	7.1
ENE		1.1	1.4	.2								2.7	7.4
E	1.2	4.3	1.7	.1								7.4	5.3
ESE	1.7	9.8	2.5									14.0	5.2
SE	1.4	6.9	1.7	.6								10.6	5.5
SSE	.4	4.9	2.7	.9								8.8	6.7
S	.4	4.4	1.8	1.2	.4							8.2	7.4
SSW	.1	.4	.7	.1								1.4	7.9
SW	.1	.4	.5	.1								1.1	6.3
WSW		.9										.9	4.9
W	.2	.7	.9	.6								2.5	8.4
WNW		.4	.9	.2								1.5	8.2
NW	.2	.7	.7	1.5	.1							3.3	9.6
NNW	.2	2.3	2.8	1.8	.1	.1						7.5	8.6
VARBL													
CALM												22.4	
	6.4	41.0	20.6	8.6	.9	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 814



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430 LA CROSSE MAP, WI  
STATION

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.1	2.3	1.0		.4						7.1	8.1
NNE		1.0	.5	.1								1.6	6.4
NE		1.2	.2									1.4	5.4
ENE		1.2	1.4	.5								3.1	7.4
E	.6	5.3	2.7	.5								9.0	6.2
ESE	1.4	5.8	2.2									9.4	5.4
SE	.6	4.6	1.4	.4								7.0	6.0
SSE	.2	4.8	2.8	.6								8.4	6.5
S	1.0	4.6	6.2	1.4	.7	.1						14.0	8.3
SSW		1.0	.4	.2								1.6	7.2
SW		.4	.2	.1								.7	7.8
WSW	.2	.5	.4	.1								1.2	8.4
W	.2	1.1	.8	1.0								3.1	8.1
WNW	.1	.1	.8	.5								1.6	10.2
NW		1.0	2.3	1.3								4.6	9.4
NNW	.4	3.0	3.1	2.2								8.7	8.2
VARBL													
CALM												17.4	
	5.2	38.6	27.7	9.9	.7	.5						108.0	6.0

TOTAL NUMBER OF OBSERVATIONS

829



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	2.1	1.5								5.2	8.6
NNE		1.6	.4	.5								2.4	7.0
NE	.1	1.8	.5	.5								2.9	7.0
ENE	.1	1.0	1.6	.9								3.5	8.4
E	.1	3.2	2.9	.7								6.9	7.3
ESE	.1	1.8	2.1	.4								4.4	7.1
SE	.1	1.7	1.6	.7	.1							4.3	7.8
SSE		2.3	3.3	1.2	.2							7.1	8.4
S	.2	4.3	5.5	3.6	1.1							14.7	9.1
SSW	.4	1.6	1.1	1.3	.1							4.5	8.2
SW		.4	1.5	.4								2.2	8.4
WSW	.2	.7	.6	.4								1.9	7.4
W	.1	2.7	2.7	1.3	.2							7.1	8.1
WNW		1.7	2.4	2.3								6.4	9.1
NW	.5	3.3	4.0	2.8	.2							10.8	8.5
NNW	.2	1.3	2.9	1.8	.1	.2						6.7	9.7
VARBL													
CALM												8.9	
	2.3	31.0	35.0	20.3	2.2	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

822



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	2.4	2.1	.1	.1						6.2	9.6
NNE		.4	.6	.2								1.2	8.8
NE	.1	.7	1.1	.5	.2							2.7	9.0
ENE		1.7	1.3	.4								3.4	7.4
E		2.2	3.6	1.7								7.8	8.4
ESE	.1	.8	2.3	1.1								4.4	9.0
SE	.1	1.2	2.4	.6								4.4	8.3
SSE		1.5	3.2	1.6	.1							6.3	9.3
S	.1	2.9	7.4	5.1	.7		.1					16.4	10.1
SSW	.1	1.3	1.3	1.1	.1							4.0	8.8
SW	.1	.8	.8	1.3								3.2	9.2
WSW		2.1	.7	.5	.1							3.4	7.4
W	.1	2.5	3.9	1.8	.2	.1						8.7	9.0
WNW	.1	1.9	2.2	2.1	.4							6.7	9.8
NW	.1	2.8	4.8	3.2	.4							11.3	9.2
NNW	.1	1.6	2.8	1.5	.1	.1						6.2	9.0
VARBL													
CALM												4.2	
	1.1	25.8	41.0	24.6	2.5	.4	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 825



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.8	2.1	2.1	.5							6.5	9.9
NNE	.2	.9	.5	.5								2.1	7.4
NE		1.3	.7	.5	.2							2.8	8.6
ENE		1.0	1.2	.9								3.1	8.7
E		1.6	2.3	.6								4.5	8.0
ESE	.4	2.0	3.5	1.2								7.1	7.8
SE	.1	1.5	1.8	.6								3.7	7.6
SSE		1.2	2.9	1.7								5.9	9.3
S	.2	2.3	6.2	4.6	1.0							14.4	9.8
SSW	.1	1.1	2.4	1.1								4.8	8.9
SW		.6	1.1	1.2								2.9	9.6
WSW		1.1	1.5	.9								3.4	8.7
W	.2	2.2	4.0	1.1	.1	.1						7.8	8.5
WNW	.1	1.7	2.9	2.7	.4							7.8	9.7
NW	.4	3.1	4.3	2.8	.4	.1						11.0	9.1
NNW		1.2	3.4	2.1	.1	.1						7.0	9.9
VARBL													
CALM												5.4	
	1.8	24.5	40.7	24.5	2.7	.4						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

819



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.4	2.6	1.1	.4							6.7	8.3
NNE	.2	1.0	.6	.4	.1							2.3	7.4
NE	.1	.7	.9	.3								2.2	8.3
ENE	.1	.9	.9									1.8	6.1
E	.5	4.3	2.0	.5								7.2	6.2
ESE	.6	3.4	2.2	.5								6.7	6.4
SE	.1	2.7	3.4	1.0	.1							7.3	7.6
SSE	.2	2.1	2.2	.4	.2							5.1	7.3
S	.5	2.7	4.4	1.2	.2							9.0	8.0
SSW	.4	1.7	1.8	.5	.1							4.5	7.6
SW	.4	1.0	.5	.1								2.0	5.9
WSW	.2	.9	.4		.1							1.6	6.7
W	.1	1.7	1.3	.5	.3							4.1	8.8
WNW		2.6	2.7	.9	.2							6.3	7.9
NW	.2	2.9	2.9	1.7	.5							8.3	8.5
NNW	.4	2.8	2.8	1.3		.1						7.4	8.0
VARBL													
CALM												17.3	
	9.9	33.7	31.5	10.8	2.6	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 820



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-01  
YEAR

MAY  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	1.7	.9	.1							6.1	6.9
NNE	.1	.6	1.1	.5								2.3	8.5
NE	.2	.6	.7	.1								1.7	6.7
ENE	.1	1.0	.7	.2								2.1	6.8
E	.6	4.9	2.0	.2								7.7	6.0
ESE	1.3	8.8	1.7	.1								12.0	5.2
SE	2.0	4.9	1.8	.5								9.1	5.3
SSE	.5	4.5	2.8	.1								7.9	6.3
S	.1	2.2	1.5	1.5	.1							5.4	8.4
SSW		.4	.4	1.1								1.8	10.9
SW	.2	.6	.2	.4								1.5	6.8
WSW		.2		.1	.1							.5	11.5
W	.1	.7	1.2		.1							2.2	7.4
WNW		.5	.4	.4	.2							1.5	9.9
NW		1.5	1.8	1.7	.1							5.1	9.3
NNW	.5	2.4	1.6	1.2								5.7	7.3
VARBL													
CALM												27.4	
	6.6	36.5	19.6	9.0	.9							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

820



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

ALL  
SOURCE (L.E.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.4	2.1	1.2	.2	.1						6.1	8.3
NNE	.1	.9	.6	.3	.0							2.0	7.4
NE	.1	1.0	.6	.3	.1							2.1	7.5
NNE	.1	1.0	1.2	.4								2.7	7.6
E	.3	4.8	2.4	.5								7.4	6.5
ESE	.8	5.4	2.3	.4								8.9	6.0
SE	.8	3.8	2.8	.6	.0							7.2	6.3
SSE	.2	3.3	2.8	.9	.1							7.3	7.4
S	.4	3.2	4.5	2.5	.9	.0	.0					11.2	8.8
SEW	.1	1.0	1.1	.7	.1							3.0	8.6
SW	.1	.6	.6	.5								1.8	8.0
WSW	.1	.9	.5	.3	.0							1.8	7.6
W	.2	1.8	2.0	.8	.2	.0						4.7	8.5
WNW	.0	1.1	1.6	1.2	.2							4.1	9.2
NW	.2	2.0	2.7	2.1	.2	.0						7.2	9.0
NNW	.2	2.1	2.8	1.6	.1	.1						6.9	8.6
VARB.													
CALM												15.7	
	9.2	39.1	29.8	19.9	1.6	.2	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

8562



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	4.0	.7	.1								5.1	5.6
NNE	.1	.2	.9									1.2	7.0
NE		.6	.6	.1								1.4	6.7
ENE	.1	.2	.7									1.1	6.9
E	.7	4.9	1.7	.1								7.5	5.7
ESE	1.1	7.6	1.6	.1								10.4	5.1
SE	1.0	7.0	2.2	.1								10.3	5.5
SSE	.1	5.0	3.2	1.0	.1							9.5	7.0
S	.2	5.3	6.8	2.1	.4							14.9	8.0
SSW		.6	1.0	.4								2.0	8.9
SW		.4	.4		.1							.9	8.3
WSW	.1	.4	1.0	.1								1.6	7.8
W		1.5	1.0	.4	.1							3.0	7.7
WNW		.4	1.4	.7								2.5	8.8
NW		1.2	.9	.4	.1							2.6	8.1
NNW		2.1	1.9	.6	.1							4.7	7.6
VARBL													
CALM												21.3	
	1.9	41.4	26.1	6.3	1.0							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

804



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.5	1.3	.4								5.5	6.0
NNE		.6	.5									1.1	7.2
NE		1.0	.4	.1								1.5	6.1
ENE		.3	.6	.1								1.0	8.0
E	1.0	2.6	1.1	.5								5.3	5.7
ESE	1.3	11.0	1.1	.3								13.6	5.0
SE	.8	7.4	2.5	.8								11.5	6.2
SSE	.6	5.3	3.7	.4								10.0	6.3
S	.3	3.5	4.4	1.4								9.6	7.6
SSW		1.0	.5	.5								2.0	8.1
SW		.5	.3	.1								.9	7.0
WSW		.8	.8	.4								1.9	8.1
W	.3	.8	1.3	1.1								3.4	8.3
WNW		.5	1.6	.8								2.9	9.0
NW	.3	.9	.5	.8	.4							2.8	9.8
NNW	.1	2.0	1.5	.3								3.9	6.9
VARBL													
CALM												23.1	
	4.9	41.7	22.1	7.8	.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 793



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLAS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.0	1.5	.3								5.2	6.1
NNE	.1	.5	.1									.8	5.5
NE	.1	.6	.1									.9	5.6
ENE		1.4	.6	.3								2.3	6.8
E	.4	3.8	1.0	.1								5.3	5.5
ESE	.6	6.9	1.6	.3								9.4	5.4
SE	1.0	4.7	2.5	.4								8.6	5.9
SSE	.9	5.3	3.9	1.3								11.3	6.8
S	.6	5.8	5.4	3.0								14.9	7.9
SSW	.1	1.4	1.6	.3								3.4	7.2
SW		.6	.3	.5								1.6	8.3
WSW		1.0	.6									1.6	6.5
W	.1	1.8	1.8	.8								4.4	7.7
WNW		.3	1.5	1.5	.1							3.4	10.8
NW		1.7	2.5	2.1	.3							6.2	9.9
NNW	.1	2.3	2.1	.6								5.2	7.7
VARBL													
CALM												15.6	
	4.5	40.6	27.6	11.3	.4							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 794



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.8	1.4	.8								4.9	7.2
NNE		.4	.9	.1	.1							1.5	8.8
NE		.9	.5	.3								1.6	7.5
NNE	.3	1.3	.5	.3								2.3	6.1
E	.1	2.5	1.3	.4								4.3	6.8
ESE	.4	1.6	1.1		.1							3.3	6.2
SE	.1	2.1	2.1	.8								5.2	7.6
SSE	.3	3.4	4.3	2.3	.1							10.4	8.4
S	.3	4.8	5.9	4.4	1.1							16.6	9.3
SSW		1.5	2.0	1.5	.3							5.3	9.3
SW	.1	.8	1.9	.6								3.4	8.5
WSW		1.4	.9	.8								3.0	7.8
W	.1	1.8	1.8	1.6	.1							5.4	8.8
WNW	.1	1.1	4.0	1.8	.1							7.2	9.2
NW	.4	2.9	4.2	3.4	.5							11.4	9.2
NNW	.1	1.9	2.7	1.1								5.8	8.0
VARBL													
CALM												8.3	
	2.3	31.2	35.5	20.1	2.5							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

741



AD-A122 713

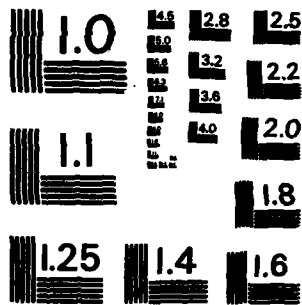
LA CROSSE MAP WISCONSIN REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERV. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A... 30 JUL 62  
UNCLASSIFIED USAFETAC/DS-82/047 SBI-AD-EBBO 208 F/G 4/2

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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-61  
YEAR

JUN  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	1.9	1.3								4.9	8.3
NNE	.1	1.0	.4	.1								1.6	6.7
NE		.6	.8									1.4	6.6
ENE		.9	1.5									2.4	7.5
E	.1	1.6	1.6	.3								3.7	7.0
ESE	.3	1.5	1.5	.6								3.9	7.3
SE		1.9	1.9	1.0	.1							4.9	8.0
SSE		1.1	3.3	1.5	.3							6.5	9.8
S	.4	1.5	7.1	6.1	1.9	.1						17.1	10.9
SSW		1.1	3.2	2.0	.1							6.5	9.5
SW	.1	.9	2.5	1.6	.3							5.5	10.0
WSW		1.4	1.3	.6								3.3	7.9
W		2.9	3.9	2.8	.1							9.8	9.0
WNW		1.8	2.8	2.2	.5							7.2	9.8
NW	.1	1.8	3.2	5.3	.5							10.9	10.7
NNW		2.0	2.8	1.1	.1							6.1	8.4
VARBL													
CALM												4.2	
	1.4	23.7	39.7	26.6	4.2	.1						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

788



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.1	1.5	2.0	.6								5.1	8.0
NNE	.1	.9	.9	.3								1.1	7.2
NE	.1	.8	.6	.1								1.7	6.5
NNE		.8	.1	.3								1.1	7.7
E	.3	2.8	2.3	.3								5.6	6.8
ESE		2.0	1.3	.1	.1							3.6	7.1
SE	.3	1.5	2.2	.9								4.8	8.0
SSE	.1	1.8	3.0	2.3	.1							7.9	9.3
S	.8	2.7	6.6	5.7	1.5							17.3	10.2
SSW	.3	1.0	3.0	1.7	.3		.1					6.4	9.8
SW		1.1	1.1	.8								3.0	8.9
WSW		.9	1.9	.8	.4							3.9	9.4
W	.1	2.5	.8	2.3	.3							6.0	9.3
WWW		1.7	2.2	2.4	.1							6.4	9.2
NW	.4	2.7	4.6	5.7	.4	.1						13.9	10.2
NNW	.4	1.8	2.8	1.7	.1							6.7	8.9
VARL													
CALM												6.1	
	2.9	25.9	35.7	25.8	1.3	.1	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

787



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		3.0	3.2	.6								6.8	7.5
NNE	.1	1.1	.9									2.2	6.4
NE	.1	.3	.4			.1						.9	8.9
NNE	.3	.5	.1	.1								1.0	6.3
E	.8	2.9	1.6	.1								5.4	5.9
ESE	.5	3.7	1.5	.3								5.9	8.7
SE	.4	3.7	2.0	.8	.3							7.1	7.2
SSE	.1	2.4	3.0	.9	.1	.1						6.7	8.4
S	.4	4.3	9.0	2.5	.8							13.5	8.8
SSW	.3	3.2	1.8	.9	.3							6.3	7.5
SW	.4	1.4	.9	.3								2.9	6.3
WSW	.1	.9	1.0	.6								2.7	8.5
W	.1	2.3	1.5	1.4	.1							5.4	8.8
WWW	.3	1.6	2.9	1.8	.1							6.5	8.5
NW	.3	2.2	3.3	1.6								7.3	8.5
NNW	.1	1.0	1.8	.9								4.9	8.1
VARBL													
CALM												14.6	
	6.8	25.1	31.8	12.5	1.4	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

798



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.0	1.5	.6	.1		.1					5.7	7.5
NNE	.1	.3	.4									.8	7.2
NE		.1										.1	5.0
NNE	.1	.9	.1	.1								1.3	6.0
E	1.1	5.6	.9		.3							7.8	5.5
ESE	1.0	7.0	.6	.1								9.2	4.9
SE	.8	6.3	2.0	.6	.1							9.9	5.9
SSE	.1	2.7	2.3	.6								5.7	7.1
S	.3	4.2	3.7	2.9	.9							10.9	6.4
SSW	.1	1.3	1.3	.3								2.9	6.7
SW		.3	1.0	.9								1.6	6.8
WSW		.9	1.1	.3								2.3	7.8
W	.5	1.6	1.6	.8	.1							4.4	7.4
WNW		.9	1.8	.6								3.3	6.5
NW	.5	1.3	1.0	.9								4.1	7.0
NNW	.5	1.3	1.0	.9	.1							4.4	7.9
VARB.													
CALM												25.6	
	8.8	27.7	21.9	7.7	1.1		.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 790



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.8	1.8	.6	.0		.0					5.4	7.0
NNE	.1	.6	.6	.1	.0							1.3	7.0
NE	.0	.6	.4	.1		.0						1.2	6.8
ENE	.1	.8	.6	.1								1.6	6.9
E	.6	3.3	1.8	.2	.0							5.6	6.0
ESE	.7	8.2	1.3	.2	.0							7.4	5.8
SE	.5	6.3	2.2	.7	.1							7.8	6.5
SSE	.3	3.4	3.3	1.3	.1	.0						8.4	7.8
S	.4	4.0	5.7	3.8	.7	.0						14.3	9.0
SSW	.1	1.4	1.8	.9	.1		.0					4.3	8.6
SW	.1	.7	1.1	.8	.0							2.5	8.5
WSW	.0	.9	1.1	.4	.0							2.5	8.1
W	.2	1.9	1.7	1.4	.1							5.2	8.5
WNW	.0	1.0	2.3	1.4	.1							4.9	9.3
NW	.2	1.8	2.6	2.8	.3	.0						7.4	9.8
NNW	.2	1.9	2.2	.9	.1							5.2	7.9
VARBL													
CALM												14.9	
	3.7	24.7	28.8	14.8	1.8	.1	.8					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 6337



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.9	.9									5.0	5.2
NNE	.4	.9	.1									1.4	5.2
NE	.1	.2	.2									.6	5.0
ENE	.2	1.7	.4									2.3	5.2
E	.9	5.0	1.4	.1								7.4	5.4
ESE	1.1	9.4	1.0									11.5	5.0
SE	1.0	6.7	1.1									8.7	5.0
SSE	.1	5.3	3.4	.5								9.4	6.6
S	.1	3.8	5.9	1.6	.4							11.8	8.2
SSW	.1	1.0	.7	.5	.1							2.5	8.6
SW	.1	.6	.5	.4								1.6	7.2
WSW		.5	.1									.6	5.2
W	.1	.6	1.1									1.8	6.9
WNW	.1	.5	.5	.1								1.2	7.8
NW		1.2	1.0	.1	.1							2.5	7.5
NNW	.1	3.7	1.7	.2								5.8	6.0
VARB.													
CALM												25.9	
	9.8	45.1	20.1	3.6	.6							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-01  
YEAR

JUL  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	4.1	.7									5.2	5.2
NNE	.1	.5	.2	.1								1.0	5.8
NE	.1	.9										1.0	4.6
NNE	.2	1.1										1.4	4.5
E	.6	4.0	1.0	.1								5.7	5.4
ESE	1.1	8.0	2.1	.1								11.4	5.2
SE	.9	5.9	1.1	.1								8.0	5.3
SSE	.1	4.3	2.7	.5								7.7	6.5
S	.6	5.8	4.6	2.0	.1							13.1	7.5
SSW	.4	1.1	.7	.5	.1							2.8	7.6
SW	.1	.7	.2		.1							1.2	6.5
WSW		.9	.1	.4								1.4	7.0
W		.5	.6									1.1	6.7
WWW	.1	.5	.1	.1								.9	7.0
NW		1.6	1.2	.2								3.1	7.1
NNW	.5	5.2	2.1	.1								7.9	5.9
VARS													
CALM												27.3	
	5.3	45.1	17.7	9.3	.9							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

810



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.3	2.6	.1								5.0	6.7
NNE	.1	.7	.5									1.4	6.1
NE	.4	.9	.2									1.5	5.1
NNE		1.5	.7									2.2	5.6
E	.7	4.8	1.4									6.9	5.2
ESE	.5	7.0	1.5	.1								9.1	5.3
SE	.7	5.9	2.2									8.9	5.5
SSE	.1	3.0	3.0	.6								7.3	7.1
S	.1	5.9	7.3	3.3	.1							16.7	8.0
SSW	.2	1.6	1.2	.4								3.4	6.8
SW		1.4	.4	.1								1.8	6.3
WSW	.1		.1									.2	6.5
W		.4	.4	.7								1.5	9.8
WW		.5	1.1	.1								1.7	7.9
WNW	.2	2.1	1.8	1.0	.1							5.3	7.9
NNW		5.2	3.4	.5								9.1	6.8
VAR													
CALM												17.9	
	3.1	23.7	27.8	7.8	.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	2.2	.4								6.9	6.9
NNE	.1	1.0	1.1	.1								2.3	6.8
NE	.1	.9	.5	.1								1.6	6.2
ENE		1.8	.4									2.2	5.7
E	.5	2.5	1.5									4.4	5.9
ESE	.2	2.0	1.5	.4								4.1	6.8
SE	.1	2.1	2.0	.4								4.6	7.0
SSE	.2	1.6	5.2	1.5								8.5	8.4
S	.2	4.9	9.9	4.2	.1							19.4	8.5
SSW	.5	1.4	2.0	1.6	.2							5.7	9.2
SW		1.2	1.4	.2		.1						3.0	7.8
WSW		1.4	.7	.2								2.3	6.7
W	.4	1.5	1.7	.4								3.9	7.0
WNW	.2	2.1	1.7	1.2								5.3	8.0
NW	.1	3.5	3.9	1.1								8.6	7.6
NNW		3.0	4.3	1.1								8.9	7.8
VARL													
CALM												9.2	
	1.1	19.3	40.0	12.9	.4	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 811



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	2.8	.4								5.4	7.3
NNE	.1	1.1	.9									2.1	5.9
NE		.7	.5									1.2	6.0
NNE	.1	.5	1.0									1.6	7.1
E		2.6	1.0	.6								4.2	6.8
ESE		1.2	1.6	.4								3.2	7.5
SE		1.4	2.3									3.7	7.7
SSE		1.4	3.7	1.9								6.9	9.2
S	.2	1.1	10.5	6.8	1.1							19.0	10.4
SSW	.4	1.5	4.3	1.1	.1							7.4	8.7
SW		.5	2.6	.6								3.7	9.1
WSW	.1	1.0	2.0	.4								3.5	7.5
W	.1	2.1	3.1	.2	.1							6.3	8.1
WW	.1	2.8	2.8	2.2								8.0	8.5
WNW	.1	2.3	6.3	3.8	.1							11.9	8.9
NNW	.2	2.7	9.1	1.5								8.5	7.9
VARL													
CALA												3.3	
	1.7	25.1	22.5	10.9	1.5							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 810



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.7	4.4	.9								8.2	7.6
NNE	.1	1.1	1.2	.1								2.6	6.8
NE		1.2	.5									1.7	6.2
ENE	.2	.9	.4	.1								1.6	6.0
E	.1	1.8	1.1	.2								3.3	6.5
ESE	.2	1.1	1.8	.2								3.4	7.3
SE		.5	1.5	.7								2.7	9.0
SSE	.1	1.8	2.8	1.6	.1							6.5	8.8
S	.1	3.3	9.5	6.1	.1							19.1	9.5
SSW	.1	1.3	3.9	2.6	.2							8.2	9.4
SW	.1	1.3	2.0	.4								3.8	7.6
WSW	.4	1.3	1.1	.7								3.3	7.4
W	.1	2.9	2.1	1.3								6.5	7.6
WNW	.1	1.6	2.8	1.3								5.9	8.6
NW		3.0	5.6	3.3		.1						12.1	9.2
NNW	.1	2.0	4.1	1.3								7.6	8.4
VARB.													
CALM												3.5	
	2.2	27.9	49.8	21.0	.5	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

820



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430 LA CROSSE MAP, WI 73-81 JUL  
STATION MONTH  
ALL WEATHER 1800-2000  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	4.3	2.1	.2								7.2	6.1
NNE	.4	3.0	.9	.1								4.3	5.6
NE	.2	1.9	.2									2.3	4.7
ENE		1.6	.1									1.7	5.1
E	.9	2.0	.4									3.2	4.9
ESE	.2	4.0	1.5	.2								5.9	6.0
SE	.2	2.5	1.9	.4								4.9	6.5
SSE	.2	2.2	1.6	1.2								5.3	7.8
S	.6	3.7	9.4	3.1	.1							16.9	8.3
SSW	.4	2.3	3.0	.4								6.0	7.1
SW	.6	3.1	.7	.2								4.7	5.7
WSW		1.6	1.1									2.7	6.0
W		2.2	1.0	.1								3.3	6.3
WNW	.2	1.4	1.5	.5	.2							4.1	7.9
NW	.4	2.7	3.8	1.0	.1	.1						8.1	8.2
NNW	.1	3.0	3.1	.9								7.0	7.4
VARBL													
CALM												12.1	
	5.1	41.6	32.2	8.4	.5	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 810



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	5.0	.7	.1								6.5	5.2
NNE	.5	.9	.6	.1								2.1	3.9
NE		1.0	.5	.2								1.7	6.9
ENE	.1	.6	.4									1.1	5.7
E	1.1	5.4	.4	.1								7.0	9.8
ESE	1.2	8.1	2.2	.1								11.7	5.3
SE	.6	4.2	1.2	.1								6.1	5.2
SSE	.4	4.5	2.5	.4								7.7	6.2
S	1.1	5.0	7.0	1.2								14.9	7.1
SSW	.1	1.1	.4	.1								1.7	6.1
SW		.9	.2	.1								1.2	6.9
WSW		.4	.1	.1								.6	7.0
W	.2	.5	.1									.9	5.0
WNW		1.1	.6	.2								2.0	7.2
NW	.1	1.2	1.1	.2								2.7	7.0
NNW	.6	3.3	1.2									5.2	5.3
VARB													
CALM												27.5	
	6.7	43.2	19.3	3.3								100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

815



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

ALL  
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.5	2.1	.3								6.1	6.3
NNE	.2	1.1	.7	.1								2.1	6.0
NE	.1	1.0	.3	.0								1.5	5.6
NNE	.1	1.2	.4	.0								1.8	5.6
E	.6	3.5	1.0	.2								5.3	5.5
ESE	.6	5.1	1.6	.2								7.5	5.6
SE	.4	3.6	1.7	.2								6.0	6.0
SSE	.2	3.1	1.1	1.0	.0							7.4	7.5
S	.4	4.2	8.0	3.4	.3							16.3	8.6
SEW	.3	1.4	2.0	.9	.1							4.7	8.3
SW	.1	1.2	1.0	.3	.0	.0						2.6	7.2
WSW	.1	.9	.7	.2								1.9	6.9
W	.1	1.3	1.3	.4	.0							3.2	7.4
WWW	.1	1.3	1.4	.7	.0							3.6	8.1
NW	.1	2.2	1.1	1.2	.1	.0						6.8	8.3
NNW	.2	3.5	3.0	.7								7.4	7.1
VARIABLE													
CALM												15.8	
	9.0	38.2	11.8	9.9	.5	.0						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 4800



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.9	.9	.2	.1							3.1	6.1
NNE	.1	.7	.1									1.0	4.9
NE		.4	.2									.6	6.8
ENE	.1	1.0	.5									1.6	6.1
E	.9	6.1	1.1	.1								8.2	5.3
ESE	1.7	8.8	1.6	.2								12.4	5.0
SE	1.1	8.6	1.2	.1								11.1	5.0
SSE	.7	6.5	3.3	1.1								11.7	6.9
S	.4	4.7	5.5	2.3								12.9	7.8
SSW	.1	.5	.9	.9								2.3	9.1
SW		.5	.5	.1								1.1	7.7
WSW		.2	.1	.1								.5	7.5
W	.1	.1	.5									.7	6.5
WWW		.2	.5	.1								.9	6.6
NW	.4	.5	.5	.2								1.6	7.2
NNW	.2	2.1	.9									3.2	5.5
VARIABLE													
CALM												26.9	
	6.6	92.4	18.1	5.7	.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 819



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-01  
YEAR

AUG  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	1.0	.1								3.5	5.7
NNE	.1	.6	.1									.9	4.9
NE	.2	.2	.2									.7	6.0
NNE	.5	.9	.5									1.8	5.0
E	.9	4.8	1.8	.1								7.6	5.3
ESE	1.5	9.5	2.2	.2								13.4	5.2
SE	.6	7.6	1.7									10.0	5.3
SSE	.4	6.5	2.8	1.5								11.2	6.9
S	.2	5.4	5.4	3.2								14.3	8.1
SSW	.5	.9	.7	.1								2.2	6.6
SW	.1	.2										.9	4.0
WSW		.1	.2	.2								.6	9.0
W		1.1	1.0	.2	.1							2.5	8.1
WNW		.2	.5	.1								.9	8.0
NW		.9	.5	.5								1.8	8.3
NNW	.1	3.0	1.2	.1								4.4	6.1
VARIABLE													
CALM												23.7	
	5.5	49.0	20.1	6.5	.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 811



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

AMS  
ELEV

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

OBSERVATION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.1	1.0									3.5	5.6
NNE	.1	1.2	.1									1.5	4.9
NE	.2	1.2	.4									1.9	5.5
NNE	.1	.9	.6									1.6	6.4
E	.9	4.2	1.5	.2								6.8	5.7
ESE	1.1	7.9	1.7									10.0	5.1
SE	.5	7.3	2.3	.1								10.3	5.5
SSE	.2	5.2	4.8	1.2								11.5	7.1
S	.1	8.2	6.4	2.3	.1							17.2	7.4
SSW		1.6	1.2	1.1								4.0	8.3
SW	.1	.5	.4	.1								1.1	6.6
WSW		.5	.2									.7	6.0
W	.1	1.4	.6	.9								2.5	6.7
WWW		.1	1.0		.1							1.2	6.7
NW	.6	.9	.9	.4								2.7	6.7
NNW	.2	1.7	2.7	.5	.1							5.1	7.5
VABL													
CALM												17.6	
	5.8	49.9	26.0	6.5	.5							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 889



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.9	1.5	.1								3.6	6.8
NNE	.2	.6										.9	9.9
NE	.1	1.5	.9									2.5	8.8
NNE	.1	1.6	.7									2.5	6.1
E	.4	3.0	1.9	.2								5.5	6.1
ESE	.4	2.2	1.1									3.7	5.8
SE	.1	2.5	2.2	.6								5.5	7.0
SSE	.5	3.6	5.8	2.2	.2							12.4	8.2
S	.2	6.6	9.2	4.8	.2							21.1	8.5
SSW	.2	2.1	2.1	.2								4.7	6.9
SW		1.0	1.2	.2								2.5	7.5
WSW	.2	1.6	.6	.1								2.6	6.1
W	.1	2.1	2.1	.9								4.7	6.9
WNW	.1	2.2	1.4	.4								4.1	6.7
NW	.2	2.2	2.9	1.5	.1							6.9	8.1
NNW	.1	1.6	2.5	1.8								5.2	8.1
VARL													
CALM												11.8	
	1.1	16.1	16.1	11.9	.6							100.8	6.6

TOTAL NUMBER OF OBSERVATIONS

807



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

AUG  
MONTH

ALL WEATHER  
CLASS

1200-1400  
SOURCE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.3	1.9	.8								4.9	7.2
NNE		.8	.1									.9	5.6
NE		1.1	.6									1.8	6.3
NNE		.9	1.1									2.0	6.6
E		1.9	1.8	.3								3.6	6.9
ESE	.5	1.6	2.0	.9								4.5	6.5
SE	.3	2.3	2.8	.1								5.4	6.8
SSE	.1	2.3	4.9	2.5								9.8	8.9
S	.9	3.3	10.0	6.1	.6							20.4	9.7
SSW	.3	1.0	2.9	1.6								5.8	9.1
SW	.1	1.4	2.0	.6	.1							4.3	8.1
WSW		1.3	.8	1.1								2.9	8.8
W	.3	2.6	3.6	1.4	.1							8.0	8.3
WW	.3	2.8	3.4	1.1								7.5	7.9
NW	.1	2.6	2.4	2.5								7.6	8.8
NNW		2.0	2.0	1.8	.1							5.9	9.1
VARB													
CALM												4.9	
	2.5	29.9	41.7	20.8	1.0							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

799



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

AUG  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.0	1.4	.5								4.9	6.8
NNE	.1	.6	.5									1.2	6.3
NE		1.2	.5									1.7	5.6
NNE	.2	1.1	.7									2.1	6.1
E	.2	2.7	1.1									4.1	5.6
ESE	.1	1.8	2.1	.2								4.3	6.7
SE	.1	2.2	2.3	.6	.1							5.4	7.5
SSE	.1	1.7	3.8	2.0								7.6	9.0
S	.1	4.8	9.2	6.8	.9	.2						21.2	9.9
SSW	.1	1.9	2.5	2.1	.1							6.3	9.3
SW		1.5	1.7	.6	.2							4.1	8.8
WSW	.1	1.1	1.9	.6								3.3	8.2
W		1.7	1.9	1.2								4.3	8.5
WWW	.1	2.6	3.8	2.1	.1							7.9	8.9
NW	.1	3.1	4.8	2.2	.1							10.1	8.3
NNW		1.6	2.0	1.2	.2							5.0	9.2
VARIABLE													
CALM												6.4	
	1.7	31.9	38.2	20.2	1.8	.2						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430 LA CROSSE MAP, WI

73-81

AUG

ALL WEATHER

1000-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	3.0	1.4	.4								5.2	6.5
NNE	.2	1.1	.5	.1								2.0	5.9
NE	.2	1.4	.2									1.8	4.7
NNE	.1	1.4	.4									1.8	5.2
E	1.1	4.7	.6	.2								6.6	5.3
ESE	1.1	5.0	1.7	.2								8.1	5.5
SE	.1	4.6	2.7	.1								7.5	6.3
SSE	.5	3.4	3.6	1.4								8.9	7.5
S	.4	5.3	6.4	1.4	.3							13.9	7.8
SSW	.2	2.1	1.6	.2								4.2	6.8
SW	.2	2.0	.4	.1								2.7	5.7
WSW	.1	1.0	.2									1.4	5.0
W	.1	2.1	1.0	.1		.1						3.4	7.0
WWW	.1	2.0	2.2	.5								4.8	7.4
NW	.4	2.1	1.0	.4	.1							6.2	7.9
NNW	.1	2.0	2.3	.7								5.2	7.9
VARIABLE													
CALM												16.4	
	5.7	42.9	28.2	6.2	.6	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

813



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, MI  
STATION NAME

73-81  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.1	.6	.1								1.9	5.4
NNE	.5	.4		.2								1.1	5.6
NE	.2	.9										1.1	4.3
ENE		.6	.2									.9	6.3
E	.6	4.8	1.1									6.5	5.1
ESE	1.2	11.8	1.6	.2								14.9	4.9
SE	1.4	5.8	2.3	.2								9.7	5.6
SSE	.1	3.4	4.4	.7								8.7	7.2
S	.6	4.8	5.3	2.1	.2							13.0	7.8
SSW	.1	.7	.2	.1								1.2	6.3
SW		.9	.2	.1								1.2	6.9
WSW		.2	.2									.5	6.3
W		.4	.2	.6			.1					1.4	11.8
WNW		.5	.8	.1								1.1	7.6
NW		1.2	1.0									2.2	6.7
NNW		2.3	1.2	.7								4.3	7.8
VARB													
CALM												20.3	
	4.9	41.8	19.3	5.9	.2		.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

814



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

AVE  
MONTH

ALL WEATHER  
CLIM

ALL  
MONTH (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.3	1.2	.2	.0							9.1	6.3
NNE	.2	.8	.2	.0								1.2	5.9
NE	.1	1.0	.4									1.5	5.6
NNE	.2	1.0	.6									1.8	5.9
E	.6	4.0	1.3	.2								6.1	5.6
ESE	1.0	6.1	1.8	.2								9.0	5.3
SE	.9	5.1	2.2	.2	.0							8.1	5.9
SSE	.3	4.1	4.2	1.6	.0							10.2	7.6
S	.3	5.3	7.2	3.6	.3	.0						16.7	8.4
SSW	.2	1.3	1.5	.8	.0							3.8	8.1
SW	.1	1.0	.8	.2	.0							2.2	7.5
WSW	.1	.8	.3	.3								1.6	7.3
W	.1	1.4	1.3	.3	.0	.0	.0					3.4	7.9
WWW	.1	1.3	1.5	.6	.0							3.5	7.7
NW	.2	1.7	1.9	1.0	.0							4.9	8.1
NNW	.1	2.0	1.9	.8	.1							4.8	7.7
VARIABLE													
CALM												17.0	
	9.9	39.3	28.4	10.3	.6	.0	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

6479



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

SEP  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	5.4	1.3									6.9	5.6
NNE		.9	.3									1.2	5.2
NE													
NNE	.3	.4	.4	.1								1.2	6.3
E	.5	4.0	1.3	.1								5.9	5.6
ESE	.9	8.2	1.5									10.6	5.1
SE	.9	7.5	2.2	.3								10.9	5.5
SSE	.1	4.6	4.1	.4								9.2	6.7
S		3.8	4.5	2.4	.1							10.9	6.4
SSW		1.0	.4	.1								1.5	6.8
SW			.1	.1								.5	11.8
WSW		.1	.1	.1								.4	9.7
W		.1	2.0	.4								2.6	8.8
WWW	.1	.4	.5	.4								1.4	7.9
NW	.1	.9	1.8	1.8								3.1	8.8
NNW	.5	4.0	3.7	.8								9.0	6.8
VARIABLE													
CALM												24.9	
	1.7	41.1	21.5	6.0	.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

782



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726030  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0300-0500  
SOURCE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.8	1.4	.4								6.6	5.5
NNE	.3	.9	.3									1.4	4.9
NE	.1	.3	.1									.5	5.0
ENE	.1	.6	.5									1.3	5.8
E	.1	3.5	.9	.1								4.7	5.7
ESE	1.4	8.1	1.1	.1								10.7	5.1
SE	1.0	8.3	2.1	.4								11.9	5.5
SSE	.6	5.7	3.5	.5								10.3	6.4
S	.6	4.4	4.3	1.3	.1							10.7	7.3
SSW	.1	.8	.9	.3								2.0	7.8
SW		.6	.5									1.1	6.4
WSW		.1	.3									.4	6.3
W		.8	.6	.9	.1							2.4	9.1
WNW		.3	1.0	.6								1.9	9.9
NW	.1	.9	1.0	.9								2.9	8.5
NNW		4.3	3.5	.6								8.4	7.1
VARBL													
CALM												22.8	
	5.5	43.3	22.1	6.1	.3							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 793



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER

0600-0800  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.7	1.1	.1								5.6	5.7
NNE		.8	.1									.9	5.6
NE	.1		.3	.1								.5	7.3
ENE		.5	.4		.1							1.0	7.9
E	.4	3.8	1.4	.4								5.9	5.9
ESE	.9	9.0	1.5	.1								11.5	5.1
SE	1.1	5.4	2.1	.3								9.0	5.5
SSE	.3	4.7	9.1	.9								10.9	7.0
S	.3	5.4	7.2	1.8								14.6	7.7
SSW	.1	1.3	.8									2.1	6.0
SW		.5	.6									1.1	7.3
WSW		.3	.4	.1								.8	8.2
W	.1	.5	1.0	.8								2.4	9.4
WNW		.9	1.1	.9								2.9	8.8
NW	.4	.9	2.8	.4	.1							4.5	8.0
NNW	.4	4.0	3.8	1.1								9.3	7.1
VARBL													
CALM												16.9	
	4.7	41.5	29.7	6.9	.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 792



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55		%	MEAN WIND SPEED
N	.3	1.5	2.9	.6								5.3	7.6
NNE		.6	.8									1.4	6.7
NE	.1	.6	.4									1.1	6.1
ENE	.1	1.1	.8	.3								2.3	6.7
E	.3	2.3	.5	.1								3.2	5.3
ESE	.1	2.1	1.1	.1								3.5	6.2
SE	.4	4.5	1.8	.6								7.3	6.2
SSE	.5	2.9	5.6	1.6								10.6	8.1
S	.3	3.8	10.0	5.2	.1							19.3	9.1
SSW	.1	1.3	1.5	.8	.1							3.8	8.6
SW		1.5	1.3	1.0								3.8	8.3
WSW		.5	.4									.9	5.9
W	.4	1.8	1.8	1.0	.3							5.2	8.4
WNW		2.3	2.0	1.1	.1							5.6	8.2
NW	.1	3.4	4.7	2.0								10.2	8.4
NNW	.1	1.8	4.7	1.4								8.0	8.4
VARBL													
CALM												8.6	
	2.8	32.1	40.0	15.9	.6							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

792



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430 STATION LA CROSSE MAP, WI 73-81 YEARS SEP MONTH  
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.0	1.8	.1								5.3	6.4
NNE	.3	1.1	.6									2.0	6.0
NE	.1	.9	.6	.4								2.0	7.2
ENE		1.9	1.3	.4								3.5	6.9
E		1.1	1.5									2.6	6.6
ESE	.1	1.0	.9	.3								2.3	7.2
SE		1.0	3.3	.6								4.9	8.1
SSE	.1	2.9	5.0	1.8	.1							9.9	8.6
S	.1	2.6	6.9	6.8	.5							16.9	9.9
SSW	.1	.6	3.1	1.4								5.3	9.5
SW	.1	1.4	1.3	1.8								4.5	8.9
WSW	.1	.9	.8	.9								2.6	8.7
W	.4	1.8	2.4	1.3	.3							6.0	8.8
WWW	.1	1.4	2.3	2.5	.3							6.5	10.2
WNW	.1	1.8	4.8	3.0	.3							9.9	9.8
NNW		3.0	5.6	2.0								10.7	8.5
VARIABLE													
CALM												5.0	
	2.1	26.3	42.0	23.1	1.4							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 797



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430 STATION 73-81 SEP 1900-1700  
LA CROSSE MAP, WI MONTH HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.1	2.1	3.7	.4								6.6	7.9
NNE	.1	1.1	.4	.1								1.6	5.7
NE		.5	.8	.1								1.4	7.0
ENE		1.4	1.4									2.8	6.7
E	.4	.9	1.6	.5								3.4	7.3
ESE	.3	2.1	1.3	.4								4.0	6.9
SE	.3	1.9	2.1	.6								4.9	7.3
SSE	.3	2.0	3.2	1.0	.1							6.6	8.0
S	.1	2.5	6.0	5.6	.4							15.4	9.9
SSW		1.8	2.9	1.5								6.2	8.7
SW		1.5	2.8	1.1								5.4	8.2
WSW		1.6	1.1	.4	.1							3.3	8.1
W	.4	2.1	1.6	1.9								6.1	8.2
WNW		1.9	3.0	2.5								7.5	9.5
NW		2.1	5.2	3.0								10.4	9.5
NNW	.1	2.0	4.2	2.3	.1							8.7	9.0
VARBL													
CALM												5.6	
	2.0	27.8	92.1	21.7	.8							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 791



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.8	1.1	.5								5.9	6.2
NNE	.1	1.5	.8	.1								2.5	6.0
NE	.3	.6										.9	4.0
ENE	.4	1.5	1.0									2.9	5.8
E	.5	3.2	1.0	.4	.1							5.2	6.2
ESE	.5	4.5	1.8	.1								6.9	5.9
SE	.4	4.4	1.8	.3								6.8	6.2
SSE	.6	2.8	2.0	1.3	.1							6.8	7.3
S	.5	4.0	5.3	1.3	.5							11.6	8.0
SSW	.3	1.0	.8	.1								2.1	6.1
SW	.4	1.3	.8	.5								2.9	7.2
WSW	.4	.9	.4									1.6	5.3
W		1.4	1.4	.8								3.3	7.7
WNW	.1	2.3	1.1	.9								4.4	7.8
NW	.3	1.9	2.9	1.0								6.1	7.9
NNW	.4	2.3	4.9	1.0								8.6	7.8
VARB													
CALM												21.3	
	5.6	37.4	27.0	8.0	.8							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 792



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

SEP  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.8	1.5	.3								4.1	5.9
NNE		.8	.3									1.0	6.0
NE		.8	.4									1.1	5.9
ENE	.1	.8	.4	.1								1.4	6.0
E	.6	3.5	2.1	.3								6.6	6.1
ESE	.5	7.8	2.1	.3								10.7	5.3
SE	1.4	9.1	1.9	.4								12.7	5.4
SSE	.1	4.4	2.1	.6								7.3	6.8
S	.1	2.8	4.2	1.9	.4							9.3	6.8
SSW		.6	.4	.5								1.5	6.8
SW	.1	.8	.3	.1	.1							1.4	7.5
WSW		.3	.1									.4	6.0
W	.1	.4	1.3	.4								2.1	6.4
WNW		.5	1.4	.5								2.4	6.7
NW	.3	1.9	1.6	.5	.1							4.4	7.7
NNW	.4	3.7	4.0	.5								6.6	7.1
VARIABLE													
CALM												23.0	
	4.3	41.7	24.1	6.3	.6							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 793



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

ALL  
DOWN (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.4	1.0	.3								6.0	6.3
NNE	.1	1.0	.4	.0								1.5	5.8
NE	.1	.5	.3	.1								.9	6.3
NNE	.1	1.0	.8	.1	.0							2.0	6.5
E	.3	2.8	1.3	.2	.0							4.7	6.0
ESE	.6	3.4	1.4	.2								7.5	5.5
SE	.7	3.3	2.2	.4								8.5	5.9
SSE	.3	3.7	3.8	1.0	.0							9.0	7.4
S	.3	3.7	6.1	3.3	.3							13.6	8.8
SSW	.1	1.0	1.3	.6	.0							3.1	8.2
SW	.1	.9	1.0	.6	.0							2.6	8.1
WSW	.1	.6	.4	.2	.0							1.3	7.5
W	.2	1.1	1.5	.9	.1							3.8	8.6
WNW	.0	1.2	1.6	1.2	.0							4.1	9.0
NW	.2	1.7	3.0	1.5	.1							6.4	8.7
NNW	.2	3.1	4.3	1.2	.0							8.9	7.7
VARB													
CALM												16.0	
	1.8	36.4	11.3	11.8	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 6132



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430 LA CROSSE MAP, WI

73-81

OCT

ALL WEATHER

0000-0200

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.3	1.5	.4								5.7	6.2
NNE	.1	1.1		.1								1.4	5.4
NE		.1		.1								.2	8.5
ENE		.6	.1									.7	6.0
E	.2	3.5	1.1	.2								5.1	5.8
ESE	1.0	6.0	.9	.1								8.0	5.3
SE	1.5	5.9	2.6	.9								10.9	5.9
SSE	.1	4.9	4.6	.7								10.4	6.8
S		3.3	5.7	1.8	.7							11.6	8.9
SSW	.1	.6	.5	.5								1.7	8.6
SW	.1	.4	.5	.2								1.2	7.3
WSW	.1	.5	.1	.4								1.1	8.0
W		.9	1.6	1.2	.1							3.8	9.7
WNW		.4	1.2	1.5	.1							3.2	11.0
NW	.2	1.0	2.5	3.0	.4							7.0	10.3
NNW	.1	3.6	3.1	1.2	.1							8.1	8.1
VARBL													
CALM												19.9	
	4.2	36.1	25.9	12.5	1.5							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 811



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.4	1.6	.5								6.0	6.3
NNE	.4	.5	.6									1.5	5.6
NE	.2	.1		.1								.5	5.5
NNE	.1	.1										.2	3.5
E	.6	2.6	1.0									4.1	5.3
ESE	.7	5.7	1.9									8.4	5.7
SE	.7	6.1	2.6	.5								9.9	6.0
SSE	.2	4.6	5.1	.2	.1							10.4	7.0
S	.2	3.2	6.0	2.6	.4							12.3	9.0
SSW	.1	.6	.9	.8								2.1	8.4
SW		.7	.1	.2								1.1	6.7
WSW		.2	.8	.1								.9	8.3
W		.9	1.6	1.8	.1							4.0	9.6
WNW		.4	.9	.7	.2							2.2	11.1
NW		1.3	2.4	3.3	.2							7.3	10.4
NNW	.2	3.4	3.8	1.3	.1							8.9	7.6
VARB.													
CALM												20.3	
	4.1	33.9	28.9	11.6	1.2							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

821



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430

LA CROSSE MAP, WI

73-81

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0600-0800

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	1.0	.5								5.2	6.0
NNE	.1	.6	.4									1.1	5.4
NE		.1	.1									.2	7.0
ENE		.2										.2	5.0
E	.6	2.9	1.0									4.5	5.4
ESE	1.3	5.5	3.2	.4								10.4	5.8
SE	.5	5.6	1.9	.7	.1							8.9	6.1
SSE	.4	3.9	4.3	1.3								9.9	7.6
S	.2	3.3	6.2	3.5	.1	.1						13.5	8.9
SSW	.1	.6	1.3	.6								2.7	8.1
SW		.4	.1	.2								.7	8.8
WSW		.6	.7									1.3	6.9
W		.4	3.7	1.1	.1							5.2	9.5
WNW		.1	1.1	1.2	.1							2.6	11.2
NW	.1	.9	3.8	1.6	.2	.1						6.7	9.9
NNW	.5	4.5	5.2	1.1	.4	.1						11.8	7.9
VARBL													
CALM												15.0	
	4.5	32.8	39.0	12.3	1.1	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

821



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

067  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.1	2.0	1.3								5.4	8.2
NNE	.4	.5	.2									1.1	5.1
NE		.2	.1									.4	6.7
NNE	.1	1.0	.2									1.3	5.5
E	.6	2.3	1.3	.1								4.4	6.0
ESE	.4	1.3	1.0	.4	.1							3.2	7.0
SE	.2	2.3	1.6	1.7	.1							6.0	8.4
SSE	.4	4.6	5.7	1.8								12.6	7.7
S	.5	3.7	7.7	4.9	.1							16.9	9.1
SSW	.2	.7	.6	1.5								3.1	9.2
SW	.1	.6	.7	.9								2.3	9.1
WSW		.1	1.5	.1								1.7	8.4
W	.4	1.5	2.4	1.8	.1							6.2	8.4
WNW	.1	1.0	2.6	2.2	.1							6.0	9.5
NW	.1	2.2	3.7	3.9	.7	.1						10.8	10.5
NNW	.4	2.7	4.9	2.2	.2							10.4	8.7
VARBL													
CALM												8.3	
	3.9	26.9	16.1	22.9	1.6	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 818



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.6	2.8	.9								5.3	8.5
NNE	.2	.2	.4									.9	5.7
NE		.4	.4	.2								1.0	8.5
ENE	.2	.4	.4									1.0	5.5
E	.1	.7	.7	.6								2.2	7.8
ESE	.1	.9	.9	.5								2.3	8.1
SE	.1	1.2	1.4	1.6	.2	.1						4.7	10.2
SSE	.6	3.2	4.6	3.3	.2	.1						12.1	9.1
S	.7	3.4	6.8	4.9								15.9	9.0
SSW	.2	.7	1.2	1.2	.2							3.7	9.9
SW	.1	.9	1.0	1.5	.2							3.7	10.4
WSW	.1	1.0	.7	.6	.1							2.6	8.5
W	.4	3.6	4.9	1.8	.4							11.1	8.5
WNW	.1	2.1	3.9	3.3	.2							9.7	9.9
NW		1.4	2.7	4.4	1.7							10.2	11.7
NNW	.1	2.1	4.4	2.0	.1							8.7	9.1
VARBL													
CALM												4.9	
	1.3	23.8	37.2	27.0	3.6	.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	1.3	.4	.2							3.4	7.9
NNE		.6	.6	.1								1.3	6.7
NE		.2	.4	.1								.7	8.0
ENE	.2	1.0	.9	.1								2.2	6.4
E	.2	1.3	1.1	.4								3.1	6.8
ESE	.2	1.1	1.5	.6								3.4	7.6
SE	.7	.9	2.3	1.7	.1							5.8	8.7
SSE	.2	2.9	3.8	3.1								10.0	8.8
S	.4	5.0	4.3	2.6	.1							12.4	8.0
SSW	.1	1.2	1.2	1.1	.1							3.8	9.2
SW		1.0	.9	1.2								3.1	9.2
WSW	.2	1.5	1.1	.4	.1							3.3	7.5
W	.2	2.2	3.3	1.5	.4							7.6	8.9
WNW	.2	2.0	3.9	3.7	.4							10.2	9.7
NW	.4	3.1	4.0	4.8	.4							12.6	9.7
NNW		1.3	4.4	2.7	.1							8.6	9.7
VARBL													
CALM												8.5	
	3.4	26.6	35.0	24.4	2.0							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 816



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.1	1.3	.6								5.5	6.4
NNE	.5	.9	.2									1.6	4.8
NE	.1	.4	.2									.7	5.3
ENE		.6	.4									1.0	6.1
E	.4	2.2	1.2									3.8	5.9
ESE	.6	4.9	1.8	.5								7.8	5.7
SE	.1	4.4	3.3	.9	.2							8.9	7.2
SSE	.1	3.8	2.3	1.8	.2							8.3	8.0
S		2.4	2.8	2.1	.2							7.6	8.8
SSW	.1	1.3	.6	.5								2.6	7.3
SW		.2	.2	.1	.1							.7	9.8
WSW	.1	.9	.4	.1								1.5	6.6
W		2.4	2.0	.6	.4							5.4	8.2
WNW	.2	1.3	2.3	2.4								6.4	9.4
NW	.2	1.5	2.6	2.1	.7							7.1	10.3
NNW	.5	3.9	2.7	.7	.6							8.4	7.6
VARBL													
CALM												22.7	
	3.5	34.2	24.4	12.5	2.6							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

818



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.4	3.7	1.8	.7								6.6	6.8
NNE	.1	1.0										1.1	4.6
NE		.4	.1	.1								.6	7.6
ENE		.6										.6	5.0
E	.9	2.9	1.1									4.9	5.4
ESE	1.2	6.0	1.6	.6								9.4	5.7
SE	1.5	7.1	1.8	1.1								11.5	6.2
SSE	.1	2.8	3.1	1.6								7.6	8.3
S	.1	2.3	5.0	2.6	.1	.1						10.3	9.0
SSW	.2	.1	.9	.2								1.5	8.2
SW	.1	.2	.6	.4								1.3	9.0
WSW		.4	.2	.1	.1							.9	8.7
W	.1	.6	2.1	1.0	.1							3.9	9.3
WNW		1.0	2.2	1.6	.5							5.3	10.2
NW	.1	1.0	1.7	2.2	1.0							6.0	11.3
NNW	.4	3.5	2.1	1.2	.4							7.6	7.9
VARBL													
CALM												21.0	
	5.3	33.6	24.3	13.8	2.2	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

818



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

067  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.7	1.7	.7	.0							5.4	7.0
NNE	.2	.7	.3	.0								1.2	5.5
NE	.0	.2	.2	.1								.6	7.2
ENE	.1	.6	.2	.0								.9	5.8
E	.5	2.3	1.1	.2								4.0	5.9
ESE	.7	3.9	1.6	.4	.0							6.6	6.0
SE	.7	4.2	2.2	1.1	.1	.0						8.3	6.9
SSE	.3	3.9	4.2	1.7	.1	.0						10.1	7.9
S	.3	3.3	5.6	3.1	.2	.0						12.5	8.8
SSW	.2	.7	.9	.8	.0							2.6	8.8
SW	.1	.6	.5	.6	.0							1.8	9.1
WSW	.1	.6	.7	.2	.0							1.7	7.8
W	.1	1.5	2.7	1.3	.2							5.9	8.9
WNW	.1	1.0	2.3	2.1	.2							5.7	10.0
NW	.2	1.5	2.9	3.2	.7	.0						8.5	10.3
NNW	.3	3.1	3.8	1.6	.3	.0						9.1	8.3
VARBL													
CALM												15.1	
	4.1	31.0	30.8	17.0	2.0	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

6535



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.C.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.9	1.8	.5								6.4	6.4
NNE	.1	.4	.4									.9	6.0
NE		.3	.6	.4								1.3	8.8
ENE	.1	.8	.6	.5								2.0	7.6
E	.4	2.9	.6									3.9	5.3
ESE	.5	5.5	1.4									7.4	5.2
SE	.9	5.8	1.4	1.1								9.2	6.2
SSE	.3	3.0	2.6	.9	.1							6.9	7.5
S	.3	3.5	4.5	1.3	.1							9.7	7.7
SSW	.5	.8	.4	.5								2.1	6.8
SW	.1	.8	.3	.6								1.8	8.2
WSW		.3	.3	.1								.6	7.8
W	.1	1.5	2.1	1.6	.1	.1						5.7	9.6
WNW	.1	.9	4.2	2.0	.6	.1						7.9	10.2
NW		1.0	2.4	2.0								5.4	9.6
NNW	.4	2.6	4.0	2.6	.4							10.1	9.0
VARBL													
CALM												18.6	
	9.0	33.9	27.6	19.2	1.9	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

799



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.5	2.6	1.0								7.9	6.8
NNE	.1	.4	.1	.1								.8	6.8
NE	.1	.5	.4	.3								1.3	7.7
ENE		1.0	.9									1.9	6.3
E		2.0	.8	.1								2.9	6.1
ESE	.5	6.2	1.1									7.8	5.3
SE	.5	6.4	1.3	1.0	.1							9.3	6.1
SSE	.6	4.0	2.6	.3								7.5	6.1
S	.4	4.8	5.3	1.0	.3							11.7	7.6
SSW		.8	1.1	.6								2.5	8.7
SW		.6	.6	.3								1.5	8.0
WSW		.4	.3									.6	6.2
W	.3	1.3	2.8	1.6	.3							6.2	9.3
WNW		.6	1.3	2.0	.3		.4					4.5	12.5
NW		.8	3.0	2.9	.1							6.8	10.7
NNW	.1	3.6	3.9	1.6	.1							9.4	7.9
VARBL													
CALM												17.4	
	3.9	36.9	28.1	12.8	1.1		.4					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 795



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

NOV  
MONTH

ALL WEATHER  
CLASS

0000-0000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		4.1	2.8	.8								7.6	6.8
NNE		.8	.5									1.3	6.6
NE	.4	.5	.3	.1								1.3	6.3
ENE	.3	1.0	.1	.1								1.5	5.6
E	.1	2.7	1.1	.1								4.1	6.0
ESE	.4	5.2	1.5	.3								7.4	5.8
SE	.6	5.1	1.8	.6								8.1	6.1
SSE	.4	3.3	3.3	1.4	.1							8.5	7.7
S	.6	3.8	4.4	2.0	.1							11.0	7.9
SSW	.3	.8	1.0	.1								2.2	7.1
SW	.4	.5	.6									1.5	6.9
WSW		.8	.5	.3								1.5	7.5
W		1.3	2.5	2.3	.1							6.2	9.7
WNW		.3	1.9	1.9	.1	.1						4.3	11.1
NW	.1	.4	3.8	2.4	.4							7.1	10.5
NNW	.4	3.9	3.0	1.6	.1							9.1	7.7
VARBL													
CALM												17.4	
	3.9	19.2	29.3	14.1	1.0	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

789



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

NOV  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	2.8	.5								5.5	7.5
NNE		.5	1.0	.1								1.6	7.2
NE	.1	.8	.3	.1								1.3	5.9
ENE	.3	1.1	.9									2.3	5.9
E	.1	1.5	1.8									3.2	6.6
ESE	.4	1.6	.6									2.6	5.6
SE		1.4	.6	1.6								3.7	6.9
SSE	.3	5.4	4.2	1.3								11.1	7.2
S	.3	4.9	6.9	5.5	.3							17.9	9.0
SSW	.1	.5	.9	.5								2.0	8.8
SW	.1	.3	.6	.8	.1							1.9	10.0
WSW		.6	.6	.5								1.8	8.4
W	.1	1.3	3.3	1.3	.5							6.4	9.3
WNW		1.0	2.5	1.1	.1							4.8	9.3
NW	.3	2.5	5.5	4.0								12.4	9.2
NNW		2.8	4.8	2.9								10.5	8.7
VARBL													
CALM												11.1	
	2.1	28.9	37.1	20.3	1.0							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

793



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	2.3	1.0		.1						5.0	8.7
NNE		.8	1.1	.3								2.2	7.4
NE		1.1	.6	.1								1.9	6.6
ENE		.5	.9									1.4	7.3
E	.1	1.5	1.0	.5								3.2	6.9
ESE		.6	.8									1.4	6.7
SE		.6	1.4	1.0	.3							3.3	10.0
SSE	.1	3.2	4.1	2.3								9.7	8.0
S	.3	5.1	7.7	2.6	.4							15.9	8.4
SSW		1.0	1.5	1.3	.5							4.3	10.1
SW		.8	.5	1.0								2.3	9.1
WSW		.8	.8	.8	.1							2.4	9.3
W	.1	1.3	3.7	2.6	.8							8.4	10.3
WNW	.1	1.8	2.9	3.3	.3							8.4	9.8
NW	.1	3.3	6.6	4.1	.4							14.5	9.3
NNW	.3	1.8	3.6	2.7	.5							8.8	9.8
VARIABLE													
CALM												6.8	
	1.3	25.6	39.5	23.5	3.2	.1						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 789



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

NOV  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.4	2.7	.9								7.0	7.5
NNE		.5	.8	.3								1.5	8.3
NE		.5	.8	.4								1.7	8.7
ENE	.1	.9	.8	.3								2.0	6.9
E	.1	1.4	1.5	.5								3.6	7.6
ESE	.1	.9	.4	.1								1.5	5.8
SE	.1	1.3	1.7	.5								3.6	7.8
SSE	.3	3.0	3.6	1.3								8.1	7.7
S	.5	4.7	6.0	1.8	.5	.1						13.6	8.2
SSW		1.5	2.8	1.0	.1							5.5	8.3
SW	.1	.5	.6	.1								1.4	6.7
WSW		.5	.4	.1								1.0	7.6
W	.3	2.2	3.6	4.3	.6							10.9	10.4
WNW		1.7	2.9	3.3	.1							8.0	9.9
NW	.4	1.8	5.7	3.6	.4							11.8	9.4
NNW	.1	2.5	5.0	1.5	.1							9.3	8.6
VARB.													
CALM												9.5	
	2.2	27.3	39.0	19.9	1.9	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 787



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.9	2.4	.3								6.0	6.4
NNE		.6	.3	.1								1.0	6.6
NE	.3	.5	1.1	.4								2.3	7.6
ENE	.4	.8	.4		.3							1.8	7.4
E	.1	1.3	1.1	.5								3.0	7.9
ESE	.8	4.1	1.5		.3							6.7	6.0
SE	.6	4.0	1.8	.4								6.8	6.2
SSE	.3	4.6	2.8	.4								8.0	6.5
S	.6	3.5	2.1	2.0								8.3	7.6
SSW		1.6	1.0	.3								2.9	6.6
SW		1.1	.8	.4								2.3	7.4
WSW	.3	.3	.6	.6								1.8	9.4
W		1.6	3.3	2.3	.4							7.5	9.8
WNW		1.3	2.9	2.9	.1							7.2	9.8
NW	.1	2.1	3.5	2.1	.5							8.4	9.4
NNW	.3	3.5	4.3	1.9	.3							10.2	8.1
VARBL													
CALM												16.0	
	9.1	33.9	29.8	19.8	1.8							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

796



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
NNE	.5	3.6	2.2	.6								6.7	6.3
NE	.1	.9		.1								1.2	5.3
ENE	.3	.4	.8									1.4	6.5
E		.5	.4	.5	.1							1.5	9.7
ESE		1.0	.9	.3	.1							2.3	8.2
SE	.5	4.7	1.3	.3								6.8	5.8
SSE	.4	4.5	2.3	.8	.1							8.1	6.4
S	.1	4.4	3.7	.1								8.3	6.4
SSW	.5	4.1	4.2	1.3	.5							10.6	7.8
SW		.9	.9	.4								2.2	7.8
WSW	.1	.5	.9	.5	.1							2.2	9.3
W		.1	.4	.3	.1							.9	10.7
WNW	.1	1.2	3.8	1.8	.3							7.2	9.4
NW		.1	2.2	4.0	.3							6.5	11.5
NNW	.1	1.8	2.7	2.7	.5							7.7	9.8
VARBL	.1	2.8	3.5	1.9	.5							8.8	8.7
CALM												17.7	
	2.9	31.5	30.1	15.2	2.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

781



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

ALL  
MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.1	2.4	.7		.0						6.5	7.0
NNE	.0	.6	.5	.1								1.3	6.9
NE	.1	.6	.6	.2								1.5	7.3
NNE	.1	.8	.6	.2	.0							1.6	7.0
E	.1	1.8	1.1	.3	.0							3.3	6.7
ESE	.4	3.6	1.1	.1	.0							5.2	5.6
SE	.4	3.6	1.5	.9	.1							6.5	6.7
SSE	.3	3.9	3.4	1.0	.0							8.5	7.1
S	.4	4.3	5.1	2.2	.3	.0						12.3	8.1
SSW	.1	1.0	1.2	.6	.1							3.0	8.2
SW	.1	.6	.6	.5	.0							1.9	8.3
WSW	.0	.5	.5	.3	.0							1.3	8.6
W	.1	1.4	3.1	2.2	.4	.0						7.3	9.8
WNW	.0	.9	2.6	2.6	.2	.0	.0					6.5	10.9
NW	.1	1.7	4.2	3.0	.3							9.3	9.6
NNW	.2	3.0	4.0	2.1	.3							9.5	8.6
VARBL													
CALM												14.3	
	3.0	31.5	32.5	16.8	1.7	.1	.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

6319



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

DEC  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	1.6		.1							5.6	5.8
NNE		.6	.5	.1								1.2	7.1
NE	.1	.2	.1									.5	5.0
ENE	.2	.9	.4	.1	.1							1.7	6.7
E	.1	1.1	1.2	.2								2.7	6.9
ESE	.4	3.8	1.1	.4								5.6	6.0
SE	.4	2.7	1.8	.1								5.0	6.2
SSE	.1	3.7	4.8	.7								9.3	7.3
S	.4	4.0	5.0	1.8	.5							11.8	8.3
SSW	.4	1.1	1.2	.1								2.8	6.3
SW	.1	.5	.5	.2								1.3	7.2
WSW	.2	.6	.7									1.6	6.4
W	.1	2.2	2.6	1.5	.1							6.5	8.1
WNW	.1	.5	1.6	1.5	.6							4.3	11.1
NW	.2	2.5	3.2	2.9	1.2							10.1	10.3
NNW	.4	3.7	2.7	2.1	.6	.1						9.6	8.7
VARB.													
CALM												20.2	
	9.5	10.8	29.1	11.9	3.3	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 815



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	1.6	1.2								4.8	8.2
NNE	.2	.9	.9									2.0	6.2
NE	.2	1.2	.5									2.0	5.4
ENE		.6	.6	.2								1.5	7.3
E	.2	1.5	1.0		.1							2.8	6.1
ESE	.5	3.1	1.7									5.3	6.0
SE	.5	2.1	2.1	.1								4.8	6.2
SSE	.4	4.3	4.1	.9								9.6	7.1
S	.2	5.5	3.1	1.6								10.4	7.1
SSW	.1	.9	.9	.2								2.1	7.2
SW		.9	.2									1.1	6.2
WSW		1.1	.9									2.0	6.1
W	.1	1.8	3.4	1.0	.2							6.6	8.9
WNW	.4	1.6	1.7	2.3								6.0	8.9
NW		1.6	3.3	2.7	.5							8.1	10.3
NNW	.2	4.4	2.0	2.1	1.1							9.8	9.1
VARBL													
CALM												21.1	
	3.4	33.2	27.9	12.4	2.0							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 814



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0600-0800  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.0	1.5	1.0								5.8	7.1
NNE		.5	.6									1.1	6.8
NE	.1	.7	.1									1.0	4.5
ENE	.1	.7	.1									1.0	5.4
E		2.3	1.6	.2								4.1	6.5
ESE	1.3	3.5	1.3		.1							6.3	5.5
SE		1.7	2.9	.4								5.0	7.1
SSE	.6	4.9	2.4	.9								8.8	6.4
S	.2	5.0	4.5	2.7								12.4	7.8
SSW		1.8	1.6	.7	.1							4.3	7.8
SW	.1	1.0	.1	.4								1.6	6.7
WSW	.2	1.3	.5	.4								2.4	6.6
W	.1	2.6	.9	.9	.1							4.5	7.4
WNW		.4	1.1	1.5	.5							3.4	11.5
NW		1.9	2.7	5.0	.6							10.2	10.7
NNW		2.9	3.2	1.3	.2							7.7	8.5
VARBL													
CALM												20.3	
	3.3	34.3	25.1	15.2	1.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

821



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430 LA CROSSE MAP, WI

73-81

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLAS

0900-1100

NOV 25 (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.3	2.2	.2	.2							5.3	7.0
NNE	.2	.5	.4									1.1	5.6
NE		.4	.1									.5	5.3
ENE		1.2	.8	.1								2.2	6.5
E	.1	2.4	1.9	.2								4.7	6.4
ESE	.1	2.2	1.3	.1	.1							3.9	6.8
SE		2.4	1.7	1.2	.1							5.5	7.9
SSE	.1	1.8	4.5	2.2								8.6	8.6
S	.4	5.9	5.9	1.8	.2							14.3	7.7
SSW	.4	1.8	1.2	.7	.2							4.4	8.1
SW		.8	.4	.2								1.5	7.3
WSW		.7	.2	.1								1.1	6.6
W	.1	1.7	1.9	1.6	.4							5.7	8.0
WW		1.8	1.1	1.8	.2							5.0	9.3
NW	.4	3.5	4.7	5.1	.4							14.1	9.5
NNW	.1	2.8	3.6	2.4	.2							9.2	9.0
VARBL													
CALM												13.0	
	2.3	32.4	32.2	18.0	2.2							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

824



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.9	1.2	.9								3.1	8.8
NNE	.1	.5	.1	.1								.9	6.9
NE		.7	.5									1.2	6.2
ENE		.9	.4									1.2	5.5
E		2.2	1.1									3.3	6.1
ESE	.4	1.2	1.3	.7								3.7	7.5
SE	.2	.9	1.6	.5								3.2	8.2
SSE	.4	2.5	2.8	2.5	.1	.1						8.3	8.8
S	.1	3.6	6.4	2.8	.2	.1						13.2	8.6
SSW	.1	2.3	1.6	.7	.1							4.9	7.6
SW	.2	.5	1.0	.7	.1							2.6	8.9
WSW		.7	1.0	.2	.1							2.1	8.4
W	.5	2.6	2.6	1.3	.1							7.1	8.2
WNW	.1	2.3	1.5	2.6	.2							6.7	9.3
NW	.4	4.4	5.8	6.4	.4							17.3	9.5
NNW	.5	3.2	4.0	2.8	.4							10.9	8.7
VARBL													
CALM												10.3	
	1.2	29.3	32.8	22.3	1.8	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 814



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.3	2.3	1.2								6.2	7.9
NNE		.6	.1									.7	5.7
NE	.2	.5	.1									.9	5.0
ENE		1.0	.4									1.4	5.7
E		2.2	1.4	.4								3.9	6.8
ESE	.2	2.2	.9	1.5								4.8	7.8
SE		1.0	1.2	.5								2.7	7.7
SSE	.4	2.1	2.0	1.4	.2							6.0	8.4
S	.4	4.8	5.3	2.3	.1							12.9	8.0
SSW		2.3	1.4	.4								4.1	7.0
SW	.1	.7	1.4	.4								2.6	7.9
WSW	.1	1.2	.9	.7								3.0	7.7
W	.1	2.6	3.6	2.5	.2							9.0	8.8
WNW	.1	1.8	2.2	2.0	.2							6.4	9.2
NW	.7	2.5	5.2	5.2	.6							14.2	9.8
NNW		3.3	4.3	2.2								9.9	8.2
VARBL													
CALM												11.5	
	2.7	31.3	32.5	20.4	1.5							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

1800-2000  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.5	1.6	1.2								7.1	6.7
NNE		.7	.1									.9	5.0
NE	.2	.5	.2									1.0	5.4
ENE	.1	.5	.2									.9	5.9
E		2.5	.9	.2								3.6	6.1
ESE	.2	4.1	1.4	.5								6.2	6.2
SE	.4	2.5	1.5	.7	.1							5.2	7.0
SSE	.4	2.5	3.2	.9	.1							7.1	7.6
S	.2	3.2	5.0	1.9	.1							10.4	8.3
SSW	.1	.9	.9	.2								2.1	7.5
SW	.4	1.4	.7	.2								2.7	6.3
WSW	.1	1.4	.4	.2	.1							2.2	6.8
W	.5	2.0	3.1	1.5								7.1	6.1
WNW	.1	1.6	1.4	2.7	.1							6.0	9.8
NW	.1	3.6	3.5	3.8	.6							11.3	9.3
NNW	.7	4.0	3.1	1.9	.4							10.0	7.9
VARBL													
CALM												16.3	
	4.5	19.7	27.2	15.8	1.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

806



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

2100-2300  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.1	1.5	.6								5.8	6.9
NNE	.1	.6	.6									1.9	6.5
NE	.1	.6	.1									.6	4.6
ENE	.1	.9	.6									1.6	6.2
E	.1	2.0	1.4	.1								3.6	6.3
ESE	.1	3.1	1.4	.5								5.0	6.2
SE	.6	2.7	2.0	.4								5.7	6.5
SSE	.2	2.7	3.0	1.2								7.1	7.7
S	.7	3.7	4.7	3.1	.1							12.3	8.3
SSW	.2	1.5	1.0	.2								3.0	6.3
SW		.7	.7	.1								1.6	7.0
WSW		.9	.6	.4								1.8	7.5
W	.1	3.1	1.5	1.2	.2							6.2	8.0
WNW	.1	1.1	1.7	2.2	.1							5.3	10.0
NW	.1	3.3	2.2	1.8	.9	.1						8.5	9.6
NNW	.6	4.3	3.1	3.4	.5							11.9	8.7
VARBL													
CALM												18.6	
	9.1	34.0	26.0	18.9	1.8	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

ALL  
NUMBER (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.4	1.7	.8	.0							5.5	7.1
NNE	.1	.6	.4	.0								1.2	6.3
NE	.1	.6	.2									1.0	5.3
ENE	.1	.8	.4	.1	.0							1.4	6.2
E	.1	2.0	1.3	.2	.0							3.6	6.4
ESE	.4	2.9	1.3	.5	.0							5.1	6.4
SE	.3	2.0	1.9	.5	.0							4.6	7.0
SSE	.3	3.1	3.3	1.3	.1	.0						8.1	7.7
S	.3	4.5	5.0	2.3	.2	.0						12.2	8.0
SSW	.2	1.6	1.2	.4	.1							3.5	7.3
SW	.1	.8	.6	.3	.0							1.9	7.3
WSW	.1	1.0	.6	.3	.0							2.0	7.1
W	.2	2.3	2.4	1.4	.2							6.6	8.3
WNW	.1	1.4	1.5	2.1	.3							5.4	9.7
NW	.2	2.9	3.8	4.1	.6	.0						11.7	9.8
NNW	.3	3.6	3.3	2.3	.4	.0						9.9	8.6
VARBL													
CALM												16.4	
	1.5	32.5	29.1	16.4	2.0	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

6520



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

ALL  
MONTHS

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.7	1.8	.8	.1	.0	.0					5.6	7.3
NNE	.1	.8	.6	.2	.0							1.6	6.9
NE	.1	.6	.5	.1	.0	.0						1.3	6.8
ENE	.1	.9	.7	.2	.0	.0						1.9	6.8
E	.3	2.7	1.5	.3	.0							4.9	6.4
ESE	.5	4.0	1.6	.4	.0							6.5	6.0
SE	.5	3.5	1.8	.6	.0	.0						6.4	6.5
SSE	.3	3.2	3.3	1.2	.1	.0						8.0	7.6
S	.3	3.9	5.4	2.7	.3	.0	.0					12.7	8.5
SSW	.1	1.1	1.2	.7	.1	.0	.0					3.2	8.3
SW	.1	.7	.7	.4	.0	.0						1.9	8.0
WSW	.1	.8	.6	.3	.0	.0						1.7	7.5
W	.2	1.7	2.2	1.3	.2	.0	.0					5.5	8.8
WSW	.1	1.3	1.9	1.5	.2	.0	.0					5.0	9.3
W	.2	2.3	3.5	2.7	.4	.0						9.1	9.3
WNW	.3	2.9	3.2	1.6	.2	.0						8.3	8.2
VARBL													
CALM												16.4	
	3.6	33.0	30.6	19.7	1.8	.1	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

76930



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

ALL  
MONTHS

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,  
CONDITION

ALL

MOON (L.S.V.)

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.3	2.6	1.4	.1		.0					6.7	8.2
NNE	.1	1.1	1.0	.2	.0							2.4	7.1
NE	.2	1.2	.9	.3	.0							2.6	7.1
ENE	.2	1.8	1.3	.4	.0							3.8	7.1
E	.5	3.8	2.7	.6	.1							7.6	6.8
ESE	.4	4.0	2.6	.7	.0							7.7	6.6
SE	.4	2.6	2.0	.6	.0							5.7	6.9
SSE	.7	2.8	2.8	.9	.0							6.7	7.4
S	.5	3.9	3.9	1.1	.1	.0						9.4	7.4
SSW	.2	1.1	.7	.3	.0							2.3	7.1
SW	.1	.7	.3	.2	.0							1.3	7.1
WSW	.0	.5	.4	.2	.0							1.2	6.1
W	.1	1.1	1.3	.8	.2	.0						3.4	8.8
WNW	.1	1.2	1.2	.9	.2	.0	.0					3.5	9.1
NW	.4	2.7	3.6	2.8	.9	.0						9.7	9.0
NNW	.4	3.7	4.6	2.6	.3	.0						11.7	8.5
VARBL													
CALM												14.2	
	9.0	34.5	31.7	13.8	1.6	.1	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

9008



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side



EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	$\geq 0$
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

**EXAMPLE # 1** Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

**EXAMPLE # 2** Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

**EXAMPLE # 3** To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.



#### ADDITIONAL EXAMPLES

##### EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

##### EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $> 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING ≥ 20000	49.0	53.8	54.8	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.8
≥ 18000	51.4	56.9	57.9	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8
IV 16000	51.4	56.9	57.9	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8
IV 14000	52.3	57.7	58.7	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7
IV 12000	53.0	58.8	59.8	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.8
IV 10000	54.9	61.4	62.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.3
IV 9000	55.5	62.1	63.1	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.1
IV 8000	56.2	62.7	63.7	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7
IV 7000	56.9	63.5	64.4	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.4
IV 6000	56.9	63.7	64.7	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9
IV 5000	57.6	64.8	65.8	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1
IV 4500	57.9	65.0	66.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.4
IV 4000	59.1	66.5	67.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9
IV 3500	59.4	67.2	68.5	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8
IV 3000	60.3	68.7	70.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.4
IV 2500	62.5	71.4	72.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.2
IV 2000	64.7	74.1	76.1	77.6	78.1	78.2	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5
IV 1800	66.4	76.0	78.1	79.5	80.0	80.1	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.5
IV 1500	67.8	78.2	80.8	82.3	82.9	83.2	84.2	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.9
IV 1200	68.2	81.0	83.8	85.7	86.6	86.8	87.9	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.9
IV 1000	68.2	81.9	85.0	87.8	89.3	89.5	91.0	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.3
IV 900	68.2	82.1	85.5	88.6	90.0	90.3	91.8	92.7	92.8	93.2	93.2	93.2	93.3	93.3	93.3	93.5
IV 800	68.3	82.2	85.6	88.7	90.6	90.9	92.6	93.9	94.0	94.8	94.8	94.8	94.9	94.9	94.9	95.1
IV 700	68.3	82.2	85.6	88.9	91.0	91.2	93.1	94.4	94.5	95.3	95.3	95.3	95.6	95.6	95.6	95.9
IV 600	68.3	82.2	85.7	89.0	91.5	92.0	93.8	95.2	95.4	96.5	96.5	96.5	96.6	96.6	96.6	96.8
IV 500	68.3	82.2	85.7	89.4	92.2	92.7	94.5	96.0	96.1	97.6	97.9	97.9	98.1	98.1	98.1	98.3
IV 400	68.3	82.2	85.7	89.4	92.3	92.9	95.1	96.6	96.7	98.3	98.7	98.7	99.1	99.1	99.1	99.4
IV 300	68.3	82.2	85.7	89.4	92.3	92.9	95.1	96.6	96.7	98.3	98.7	98.7	99.6	99.6	99.6	99.9
IV 200	68.3	82.2	85.7	89.4	92.3	92.9	95.1	96.6	96.7	98.3	98.7	98.7	99.6	99.6	99.6	99.9
IV 100	68.3	82.2	85.7	89.4	92.3	92.9	95.1	96.6	96.7	98.3	98.7	98.7	99.6	99.6	99.6	99.9
U	68.3	82.2	85.7	89.5	92.4	93.1	95.2	96.7	96.8	98.4	98.8	98.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 821



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430 LA CROSSE MAP, WI

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	47.6	52.1	53.4	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	50.0	54.6	55.9	56.4	56.6	56.6	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	50.0	54.6	55.9	56.4	56.6	56.6	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	50.0	54.6	55.9	56.4	56.6	56.6	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	51.2	56.1	57.4	57.9	58.0	58.0	58.0	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	52.3	57.5	58.9	59.3	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	54.0	59.8	61.4	61.9	62.0	62.0	62.0	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 9000	54.9	60.7	62.3	62.7	62.9	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	55.3	61.2	62.7	63.2	63.3	63.3	63.3	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 7000	55.9	61.8	63.3	63.8	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 6000	56.3	62.1	63.7	64.2	64.3	64.3	64.3	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 5000	56.9	63.2	64.8	65.3	65.4	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 4500	57.0	63.3	64.9	65.4	65.5	65.5	65.5	65.5	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000	58.0	64.7	66.3	66.7	66.9	66.9	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 3500	58.7	65.4	67.1	67.6	67.7	67.7	67.7	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	59.2	66.4	68.2	68.7	69.2	69.2	69.2	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 2500	61.4	68.7	70.5	71.1	71.6	71.6	71.6	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 2000	64.3	72.1	74.9	75.6	76.3	76.3	77.1	77.5	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1800	65.4	73.3	76.1	76.8	77.5	77.5	78.3	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1500	66.4	75.2	78.5	79.4	80.3	80.3	81.2	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1200	67.5	78.6	82.4	83.5	84.6	84.7	85.6	86.0	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	68.2	79.6	83.9	85.8	86.9	87.0	88.7	89.4	89.6	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	68.3	80.2	84.8	87.1	88.2	88.3	90.0	90.8	90.9	91.7	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	68.3	80.8	85.7	88.0	89.2	89.6	91.7	92.6	92.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	68.3	80.8	85.7	88.2	89.7	90.0	92.5	93.4	93.6	95.1	95.4	95.4	95.4	95.4	95.4	95.4
≥ 600	68.3	80.8	85.7	88.2	90.4	90.8	93.4	94.8	94.9	96.7	97.0	97.0	97.0	97.0	97.1	97.1
≥ 500	68.3	80.8	85.7	88.3	90.5	90.9	93.9	95.4	95.5	97.5	97.9	97.9	98.1	98.1	98.2	98.2
≥ 400	68.3	80.8	85.7	88.3	90.5	90.9	94.2	96.0	96.1	98.2	98.7	98.7	99.0	99.0	99.2	99.2
≥ 300	68.3	80.8	85.7	88.3	90.5	90.9	94.2	96.0	96.1	98.4	98.9	98.9	99.6	99.6	99.8	99.8
≥ 200	68.3	80.8	85.7	88.3	90.5	90.9	94.2	96.0	96.1	98.4	98.9	98.9	99.6	99.6	99.9	99.9
≥ 100	68.3	80.8	85.7	88.3	90.5	90.9	94.2	96.0	96.1	98.4	98.9	98.9	99.6	99.6	100.0	100.0
≥ 0	68.3	80.8	85.7	88.3	90.5	90.9	94.2	96.0	96.1	98.4	98.9	98.9	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 824



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	42.2	49.0	49.3	51.0	51.3	51.4	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.9	51.9
≥ 20000	45.8	53.5	54.2	56.0	56.3	56.4	56.4	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.9	56.9
IV 18000	45.8	53.5	54.2	56.0	56.3	56.4	56.4	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.9	56.9
IV 16000	45.8	53.5	54.2	56.0	56.3	56.4	56.4	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.9	56.9
IV 14000	46.6	54.6	55.3	57.1	57.4	57.5	57.5	57.6	57.6	57.6	57.8	57.8	57.8	57.8	58.0	58.0
IV 12000	47.0	54.9	55.8	57.6	57.9	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.5	58.5
IV 10000	48.7	57.4	58.4	60.2	60.4	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	61.1	61.1
IV 9000	49.1	58.0	59.0	60.8	61.1	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.7	61.7
IV 8000	49.8	59.0	60.0	61.8	62.0	62.1	62.1	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.6	62.6
IV 7000	50.5	59.7	60.7	62.5	62.9	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.5	63.5
IV 6000	51.4	60.8	61.8	63.9	64.2	64.3	64.3	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.8	64.8
IV 5000	51.9	61.7	63.1	65.2	65.7	65.8	65.8	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.3	66.3
IV 4500	52.0	61.8	63.2	65.3	65.8	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.4	66.4
IV 4000	52.3	62.1	63.6	65.7	66.2	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.8	66.8
IV 3500	52.6	62.6	64.1	66.2	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.3	67.3
IV 3000	53.6	63.9	65.6	67.6	68.4	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	69.0	69.0
IV 2500	55.6	65.9	67.8	69.8	70.6	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	71.2	71.2
IV 2000	58.5	69.6	71.9	74.5	75.7	75.9	76.2	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.9	76.9
IV 1800	59.2	70.8	73.1	75.8	77.0	77.3	77.5	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.3	78.3
IV 1500	60.4	73.1	75.9	78.8	80.2	80.8	81.2	81.8	81.8	81.9	82.1	82.1	82.1	82.1	82.3	82.3
IV 1200	62.3	76.8	80.2	83.4	85.1	86.0	86.3	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.5	87.5
IV 1000	62.4	77.8	81.4	85.2	87.4	88.6	89.9	91.2	91.3	91.7	91.8	91.8	91.8	91.8	92.1	92.1
IV 900	62.4	78.0	81.8	85.6	87.8	89.0	90.2	91.7	91.8	92.2	92.3	92.3	92.3	92.3	92.6	92.6
IV 800	62.4	78.1	82.1	86.0	88.3	89.5	91.2	92.8	93.0	93.5	93.8	93.8	93.8	93.9	94.1	94.1
IV 700	62.4	78.6	82.7	86.8	89.4	90.6	93.0	94.6	94.9	95.4	95.6	95.6	95.7	95.7	96.0	96.0
IV 600	62.4	78.6	82.7	86.8	89.7	91.0	93.8	95.4	95.6	96.3	96.9	96.9	97.1	97.2	97.4	97.4
IV 500	62.4	78.6	82.7	86.8	89.7	91.0	93.7	95.7	96.0	97.1	97.7	97.7	97.9	98.0	98.3	98.3
IV 400	62.4	78.6	82.7	86.8	89.7	91.0	94.1	96.2	96.6	97.9	98.7	98.7	99.0	99.1	99.4	99.4
IV 300	62.4	78.6	82.7	86.8	89.7	91.0	94.1	96.2	96.6	98.0	98.9	98.9	99.3	99.4	99.6	99.6
IV 200	62.4	78.6	82.7	86.8	89.7	91.0	94.1	96.2	96.6	98.0	98.9	98.9	99.4	99.5	99.9	99.9
IV 100	62.4	78.6	82.7	86.8	89.7	91.0	94.1	96.2	96.6	98.0	99.0	99.0	99.5	99.6	100.0	100.0
IV 0	62.4	78.6	82.7	86.8	89.7	91.0	94.1	96.2	96.6	98.0	99.0	99.0	99.5	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 819



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STAT. MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	40.3	45.6	47.2	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.2	48.2	48.2	48.2	48.2	48.2
≥ 20000	43.3	49.4	51.1	51.8	52.1	52.1	52.1	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3
IV 18000	43.3	49.4	51.1	51.8	52.1	52.1	52.1	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3
IV 16000	43.4	49.5	51.2	52.0	52.2	52.2	52.2	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4
IV 14000	43.8	49.9	51.6	52.3	52.6	52.6	52.6	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8
IV 12000	44.7	51.1	52.8	53.5	53.8	53.8	53.8	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0
IV 10000	48.5	56.5	58.3	59.0	59.3	59.3	59.3	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5
IV 9000	48.7	56.7	58.6	59.3	59.5	59.5	59.5	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8
IV 8000	49.6	58.2	60.3	61.0	61.2	61.2	61.2	61.2	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5
IV 7000	50.9	59.5	61.6	62.3	62.6	62.6	62.7	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0
IV 6000	51.5	60.4	62.6	63.4	63.7	63.7	63.8	63.8	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1
IV 5000	52.4	61.9	64.1	64.9	65.2	65.2	65.3	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5
IV 4500	52.4	61.9	64.1	64.9	65.2	65.2	65.3	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5
IV 4000	52.9	62.3	64.7	65.5	65.9	65.9	66.0	66.0	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3
IV 3500	53.3	62.7	65.2	66.0	66.4	66.4	66.5	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7
IV 3000	54.0	63.8	66.3	67.1	67.7	67.7	67.8	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1
IV 2500	55.1	65.3	67.8	68.7	69.3	69.3	69.4	69.4	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7
IV 2000	57.5	69.1	72.6	73.6	74.4	74.6	74.7	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9
IV 1800	58.4	70.8	74.3	75.4	76.4	76.5	76.7	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0
IV 1500	60.1	73.7	77.6	78.9	80.2	80.4	80.8	81.3	81.3	81.7	81.9	81.9	81.9	81.9	81.9	81.9
IV 1200	61.6	76.2	80.6	81.9	83.3	83.9	84.5	85.5	85.5	86.1	86.3	86.3	86.3	86.3	86.3	86.3
IV 1000	61.7	76.7	81.1	82.8	84.2	85.2	86.6	87.7	87.7	89.4	89.7	89.7	89.7	89.7	89.7	89.7
IV 900	61.7	76.7	81.1	82.9	84.7	85.8	87.3	88.8	88.8	90.5	90.8	90.8	90.8	90.8	90.8	90.8
IV 800	61.7	76.7	81.3	83.4	85.3	86.8	88.9	90.7	90.7	92.4	92.8	92.8	93.0	93.0	93.0	93.0
IV 700	61.7	76.7	81.7	84.0	86.2	87.8	90.2	92.8	92.8	95.2	95.6	95.6	96.0	96.0	96.0	96.0
IV 600	61.7	76.7	81.7	84.0	86.4	88.0	90.7	93.5	93.5	96.5	96.9	96.9	97.3	97.3	97.3	97.3
IV 500	61.7	76.7	81.8	84.1	86.7	88.3	91.0	94.0	94.0	97.1	97.8	97.8	98.2	98.2	98.2	98.2
IV 400	61.7	76.7	81.8	84.4	86.9	88.5	91.3	94.5	94.5	97.7	98.4	98.4	98.9	98.9	99.1	99.1
IV 300	61.7	76.7	81.8	84.4	86.9	88.5	91.3	94.5	94.5	97.8	98.8	98.8	99.4	99.4	99.6	99.6
IV 200	61.7	76.7	81.8	84.4	86.9	88.5	91.3	94.5	94.5	97.8	98.9	98.9	99.5	99.5	99.9	100.0
IV 100	61.7	76.7	81.8	84.4	86.9	88.5	91.3	94.5	94.5	97.8	98.9	98.9	99.5	99.5	99.9	100.0
IV 0	61.7	76.7	81.8	84.4	86.9	88.5	91.3	94.5	94.5	97.8	98.9	98.9	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 818

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	44.2	47.1	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	48.5	52.4	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 18000	48.5	52.4	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 16000	48.5	52.4	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 14000	49.8	53.7	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 12000	50.7	54.6	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 10000	54.3	59.1	60.7	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 9000	55.0	60.0	61.6	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 8000	56.2	61.3	63.0	63.2	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 7000	56.2	61.4	63.2	63.3	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 6000	56.9	62.3	64.1	64.4	65.1	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 5000	58.1	63.8	65.7	66.0	66.7	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 4500	58.6	64.3	66.2	66.3	67.2	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 4000	58.8	64.6	66.7	67.0	67.7	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 3500	59.1	65.4	67.6	67.8	68.5	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 3000	59.9	66.2	68.5	68.8	69.5	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 2500	61.1	67.8	70.3	70.6	71.4	72.7	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 2000	65.0	72.2	75.0	76.4	77.4	79.1	79.3	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 1800	66.5	73.8	76.9	78.5	79.4	81.4	81.8	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 1500	68.8	77.2	80.5	82.7	83.8	85.9	86.4	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 1200	68.9	77.6	81.3	83.6	85.1	87.3	87.9	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1000	68.9	78.5	82.4	85.4	86.9	89.5	90.2	91.2	91.2	92.0	92.2	92.2	92.2	92.3	92.3	92.3
IV 900	68.9	78.5	82.4	85.6	87.4	90.0	90.7	91.8	91.8	92.7	92.9	92.9	92.9	93.0	93.0	93.0
IV 800	68.9	78.6	82.6	85.8	87.9	90.5	91.2	92.3	92.3	93.3	93.5	93.5	93.5	93.6	93.6	93.6
IV 700	68.9	78.6	82.7	86.2	88.4	91.2	92.5	94.1	94.1	95.6	95.8	95.8	95.8	96.0	96.0	96.2
IV 600	68.9	78.6	82.7	86.2	88.5	91.3	92.8	94.9	94.9	96.5	96.7	96.7	96.7	96.8	96.8	97.1
IV 500	68.9	78.7	83.0	86.4	88.7	91.6	93.5	95.6	95.6	97.7	98.3	98.3	98.3	98.5	98.5	98.8
IV 400	68.9	78.8	83.1	86.7	89.0	91.9	93.9	96.0	96.0	98.3	99.0	99.0	99.0	99.8	99.8	100.0
IV 300	68.9	78.8	83.1	86.7	89.0	91.9	93.9	96.0	96.0	98.3	99.0	99.0	99.0	99.8	99.8	100.0
IV 200	68.9	78.8	83.1	86.7	89.0	91.9	93.9	96.0	96.0	98.3	99.0	99.0	99.0	99.8	99.8	100.0
IV 100	68.9	78.8	83.1	86.7	89.0	91.9	93.9	96.0	96.0	98.3	99.0	99.0	99.0	99.8	99.8	100.0
IV 0	68.9	78.8	83.1	86.7	89.0	91.9	93.9	96.0	96.0	98.3	99.0	99.0	99.0	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 817



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
TIME

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	46.8	49.1	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	50.9	53.6	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 18000	51.2	53.8	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 16000	51.3	54.0	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 14000	51.6	54.3	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 12000	53.1	56.0	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 10000	56.8	60.0	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 9000	56.9	60.1	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 8000	59.2	62.4	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 7000	59.8	63.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 6000	60.2	63.5	64.5	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 5000	60.8	64.1	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 4500	60.8	64.1	65.6	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 4000	61.8	65.2	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 3500	62.3	66.2	67.9	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 3000	63.7	68.0	69.7	70.2	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 2500	66.2	71.4	73.1	73.6	74.1	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 2000	68.6	75.2	77.8	78.6	79.9	80.0	80.2	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 1800	69.8	76.6	79.4	80.3	81.6	81.7	81.9	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 1500	71.3	79.4	82.7	84.0	85.5	85.8	86.3	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 1200	71.9	80.5	83.9	85.7	87.7	88.0	88.5	89.1	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 1000	72.2	80.8	84.7	86.8	88.9	89.7	90.2	91.0	91.0	92.2	92.7	92.7	92.7	92.7	92.7	92.7
IV 900	72.2	81.0	85.3	87.4	89.7	90.8	91.3	92.1	92.1	93.4	94.0	94.0	94.0	94.0	94.0	94.0
IV 800	72.2	81.0	85.3	87.4	89.7	91.1	91.9	93.0	93.0	94.5	95.1	95.1	95.1	95.1	95.1	95.1
IV 700	72.4	81.2	85.6	87.9	90.2	91.6	93.3	94.4	94.4	95.8	96.5	96.5	96.5	96.5	96.5	96.5
IV 600	72.4	81.2	85.6	87.9	90.2	91.6	93.3	94.7	94.7	96.3	96.9	96.9	97.1	97.1	97.1	97.1
IV 500	72.4	81.4	85.8	88.2	90.5	91.8	93.8	95.4	95.4	96.9	98.0	98.0	98.3	98.3	98.3	98.3
IV 400	72.4	81.4	85.8	88.2	90.5	91.8	93.8	95.5	95.5	97.6	99.0	99.0	99.6	99.6	99.6	99.6
IV 300	72.4	81.4	85.8	88.2	90.5	91.8	93.8	95.5	95.5	97.8	99.3	99.3	99.9	99.9	99.9	99.9
IV 200	72.4	81.4	85.8	88.2	90.5	91.8	93.8	95.5	95.5	97.8	99.3	99.3	99.9	99.9	100.0	100.0
IV 100	72.4	81.4	85.8	88.2	90.5	91.8	93.8	95.5	95.5	97.8	99.3	99.3	99.9	99.9	100.0	100.0
IV 0	72.4	81.4	85.8	88.2	90.5	91.8	93.8	95.5	95.5	97.8	99.3	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 819

USAF ETAC FORM 101-64 D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	47.8	50.5	50.7	51.0	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	53.2	56.4	56.9	57.2	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 18000	53.2	56.4	56.9	57.2	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 16000	53.2	56.4	56.9	57.2	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 14000	53.5	56.8	57.5	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 12000	54.5	57.8	58.5	58.8	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 10000	57.8	61.4	62.1	62.4	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 9000	58.2	61.8	62.5	62.7	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 8000	59.0	62.7	63.5	63.7	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5
IV 7000	59.3	63.1	63.9	64.1	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9
IV 6000	59.8	63.7	64.5	64.7	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6
IV 5000	60.1	64.1	65.2	65.5	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3
IV 4500	60.6	64.6	65.7	66.0	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8
IV 4000	61.3	65.3	66.7	67.0	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8
IV 3500	61.5	65.7	67.1	67.3	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2
IV 3000	63.7	68.3	69.8	70.0	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2
IV 2500	65.1	70.4	72.3	72.5	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6
IV 2000	68.2	75.0	77.5	78.3	79.3	79.8	80.2	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7
IV 1800	69.1	76.1	78.6	80.0	81.1	81.6	81.9	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4
IV 1500	69.3	77.6	80.6	82.5	83.9	84.7	85.5	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
IV 1200	69.9	79.7	83.2	85.5	87.0	88.0	88.9	90.3	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8
IV 1000	69.9	80.0	83.9	86.9	88.6	89.9	91.2	93.3	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9
IV 900	69.9	80.1	84.0	87.4	89.1	90.3	91.7	93.8	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.4
IV 800	69.9	80.3	84.4	88.2	90.2	92.0	93.3	95.9	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.5
IV 700	69.9	80.3	84.4	88.4	90.3	92.6	93.9	96.8	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	69.9	80.3	84.4	88.6	90.6	92.8	94.3	97.5	97.5	97.9	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	69.9	80.4	84.5	88.7	90.7	92.9	94.4	97.9	97.9	98.5	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	69.9	80.4	84.5	88.9	90.8	93.1	94.6	98.0	98.0	98.8	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	69.9	80.4	84.5	88.9	90.8	93.1	94.6	98.0	98.0	98.8	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	69.9	80.4	84.5	88.9	90.8	93.1	94.6	98.0	98.0	98.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	69.9	80.4	84.5	88.9	90.8	93.1	94.6	98.0	98.0	98.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	69.9	80.4	84.5	88.9	90.8	93.1	94.6	98.0	98.0	98.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 808



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726437  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .1	≥ .05	≥ .01	≥ .005	≥ 0
NO CEILING	47.2	50.5	52.2	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6
≥ 20000	50.6	54.5	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 18000	50.6	54.5	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 16000	50.6	54.5	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 14000	51.5	55.5	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 12000	52.1	56.4	58.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
≥ 10000	55.6	60.3	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 9000	56.1	60.8	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0
≥ 8000	57.1	61.8	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0
≥ 7000	57.6	62.3	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5	64.5
≥ 6000	58.2	63.2	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8
≥ 5000	58.5	63.6	65.8	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5
≥ 4500	58.8	64.0	66.2	66.4	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9
≥ 4000	60.2	65.4	67.9	68.3	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8
≥ 3500	61.0	66.8	69.2	69.6	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 3000	62.9	68.9	71.7	72.3	72.4	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9
≥ 2500	64.3	71.1	73.9	74.5	74.6	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4
≥ 2000	67.0	74.6	77.7	78.7	78.9	79.7	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8
≥ 1800	68.1	76.3	79.5	80.8	81.0	81.7	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.0	83.0
≥ 1500	69.1	78.6	82.1	83.8	84.7	85.4	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.1
≥ 1200	69.4	81.1	84.9	86.9	88.4	89.2	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.7	91.7
≥ 1000	69.4	82.2	87.0	90.2	92.0	93.0	94.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.3	96.3
≥ 900	69.4	82.4	87.4	90.7	92.6	93.6	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.7	96.7
≥ 800	69.4	82.4	87.5	90.8	92.8	93.8	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.9	96.9
≥ 700	69.4	82.4	87.5	90.9	93.0	94.4	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4
≥ 600	69.4	82.4	87.5	91.1	93.1	94.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.8	97.8
≥ 500	69.4	82.6	87.7	91.3	93.5	94.9	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.5	98.5
≥ 400	69.4	82.6	87.7	91.3	93.6	95.3	97.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0
≥ 300	69.4	82.6	87.7	91.3	93.6	95.3	97.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0
≥ 200	69.4	82.6	87.7	91.3	93.6	95.3	97.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0
≥ 100	69.4	82.6	87.7	91.3	93.6	95.3	97.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0
≥ 0	69.4	82.6	87.7	91.3	93.6	95.3	97.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 816



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
PERIOD

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	45.6	49.7	50.7	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	49.2	53.9	55.0	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.0
IV 18000	49.2	53.9	55.1	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0
IV 16000	49.3	54.0	55.1	55.6	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0
IV 14000	50.0	54.8	56.0	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.0
IV 12000	50.9	55.9	57.1	57.7	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.1
IV 10000	53.8	59.5	60.8	61.3	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
IV 9000	54.3	60.0	61.3	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4
IV 8000	55.3	61.2	62.5	63.1	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6
IV 7000	55.9	61.8	63.1	63.7	64.0	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
IV 6000	56.4	62.5	63.9	64.6	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2
IV 5000	57.0	63.4	65.0	65.7	66.0	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
IV 4500	57.3	63.6	65.2	65.9	66.2	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6
IV 4000	58.0	64.5	66.3	67.0	67.3	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7
IV 3500	58.5	65.3	67.1	67.8	68.1	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5
IV 3000	59.7	66.8	68.7	69.5	70.0	70.1	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
IV 2500	61.4	69.0	71.1	71.8	72.3	72.6	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
IV 2000	64.2	72.7	75.4	76.7	77.5	77.9	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9
IV 1800	65.4	74.2	77.0	78.4	79.3	79.7	80.2	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.8	80.8
IV 1500	66.7	76.6	79.8	81.5	82.7	83.3	84.0	84.6	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.0
IV 1200	67.5	78.9	82.5	84.5	86.0	86.7	87.5	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9
IV 1000	67.6	79.7	83.7	86.4	88.0	89.1	90.3	91.4	91.4	92.1	92.3	92.3	92.4	92.4	92.4	92.4
IV 900	67.6	79.9	84.0	86.9	88.7	89.8	91.0	92.2	92.3	93.0	93.3	93.3	93.3	93.3	93.4	93.4
IV 800	67.6	80.0	84.3	87.3	89.3	90.5	92.0	93.5	93.5	94.5	94.7	94.7	94.8	94.8	94.9	94.9
IV 700	67.7	80.1	84.5	87.7	89.8	91.2	93.1	94.7	94.8	96.0	96.3	96.3	96.4	96.4	96.5	96.5
IV 600	67.7	80.1	84.5	87.7	90.1	91.5	93.5	95.4	95.5	96.9	97.2	97.2	97.3	97.4	97.5	97.5
IV 500	67.7	80.2	84.6	87.9	90.3	91.7	93.9	96.0	96.1	97.6	98.3	98.3	98.4	98.4	98.5	98.6
IV 400	67.7	80.2	84.6	88.0	90.4	91.9	94.3	96.4	96.5	98.3	98.9	98.9	99.3	99.4	99.5	99.5
IV 300	67.7	80.2	84.6	88.0	90.4	91.9	94.3	96.4	96.5	98.4	99.1	99.1	99.6	99.6	99.8	99.8
IV 200	67.7	80.2	84.6	88.0	90.4	91.9	94.3	96.4	96.5	98.4	99.1	99.1	99.7	99.7	99.9	100.0
IV 100	67.7	80.2	84.6	88.0	90.4	91.9	94.3	96.4	96.5	98.4	99.2	99.2	99.7	99.7	99.9	100.0
IV 0	67.7	80.2	84.6	88.0	90.4	91.9	94.3	96.4	96.5	98.4	99.2	99.2	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6592

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	45.4	50.5	51.2	51.5	52.0	52.0	52.2	52.2	52.2	52.2	52.6	52.6	52.6	52.6	52.7	53.1
≥ 20000	48.9	54.3	55.0	55.2	55.8	55.8	55.9	55.9	55.9	55.9	56.3	56.3	56.3	56.3	56.5	56.9
≥ 18000	48.9	54.3	55.0	55.2	55.8	55.8	55.9	55.9	55.9	55.9	56.3	56.3	56.3	56.3	56.5	56.9
≥ 16000	48.9	54.3	55.0	55.2	55.8	55.8	55.9	55.9	55.9	55.9	56.3	56.3	56.3	56.3	56.5	56.9
IV 14000	49.6	55.0	55.6	55.9	56.5	56.5	56.6	56.6	56.6	56.6	57.0	57.0	57.0	57.0	57.1	57.5
IV 12000	50.3	55.6	56.3	56.6	57.1	57.1	57.3	57.3	57.3	57.3	57.7	57.7	57.7	57.7	57.8	58.2
IV 10000	54.2	59.9	60.6	60.9	61.4	61.4	61.6	61.6	61.6	61.6	62.0	62.0	62.0	62.0	62.1	62.5
IV 9000	55.0	60.8	61.4	61.7	62.2	62.2	62.4	62.4	62.4	62.4	62.8	62.8	62.8	62.8	62.9	63.3
IV 8000	55.6	61.7	62.4	62.6	63.2	63.2	63.3	63.3	63.3	63.3	63.7	63.7	63.7	63.7	63.8	64.2
IV 7000	56.3	62.4	63.0	63.3	64.0	64.0	64.1	64.1	64.1	64.1	64.5	64.5	64.5	64.5	64.7	65.1
IV 6000	57.3	63.3	64.0	64.4	65.1	65.1	65.2	65.2	65.2	65.2	65.6	65.6	65.6	65.6	65.7	66.1
IV 5000	58.5	64.7	65.3	65.7	66.4	66.4	66.5	66.5	66.5	66.5	66.9	66.9	66.9	66.9	67.1	67.5
IV 4500	58.9	65.1	65.7	66.1	66.8	66.8	66.9	66.9	66.9	66.9	67.3	67.3	67.3	67.3	67.5	67.9
IV 4000	61.2	67.5	68.3	68.7	69.4	69.4	69.5	69.5	69.5	69.5	69.9	69.9	69.9	69.9	70.0	70.4
IV 3500	62.5	69.4	70.3	70.8	71.6	71.6	71.8	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.3	72.7
IV 3000	64.7	72.2	73.3	73.8	74.6	74.6	74.7	74.7	74.7	74.7	75.1	75.1	75.1	75.1	75.3	75.7
IV 2500	66.0	73.9	75.5	76.1	77.0	77.0	77.3	77.4	77.4	77.4	77.8	77.8	77.8	77.8	78.0	78.4
IV 2000	68.3	76.9	79.4	80.2	81.6	81.7	82.3	82.5	82.5	82.5	82.9	82.9	82.9	82.9	83.1	83.5
IV 1800	68.5	77.6	80.4	81.2	82.5	82.7	83.3	83.6	83.6	83.6	84.0	84.0	84.0	84.0	84.1	84.5
IV 1500	69.5	78.9	82.5	83.7	85.2	85.3	86.0	86.3	86.3	86.3	87.0	87.0	87.0	87.0	87.1	87.5
IV 1200	70.6	80.6	84.4	85.9	87.8	87.9	88.7	89.2	89.2	89.5	89.9	89.9	89.9	89.9	90.1	90.5
IV 1000	70.7	81.0	85.2	87.5	90.9	91.3	92.2	92.7	92.7	93.3	93.7	93.7	93.7	93.7	93.8	94.2
IV 900	70.7	81.2	85.3	87.6	91.3	91.7	92.6	93.1	93.1	93.8	94.2	94.2	94.2	94.2	94.4	94.8
IV 800	70.7	81.2	85.3	87.6	91.4	91.8	93.4	94.1	94.1	94.8	95.2	95.2	95.2	95.2	95.3	95.7
IV 700	70.7	81.3	85.6	88.0	91.8	92.2	94.0	94.6	94.6	95.6	96.0	96.0	96.0	96.0	96.1	96.5
IV 600	70.7	81.3	85.6	88.0	91.8	92.2	94.2	94.9	94.9	95.8	96.4	96.4	96.4	96.4	96.5	96.9
IV 500	70.7	81.3	85.6	88.0	91.9	92.6	94.8	95.6	95.6	96.6	97.6	97.7	97.8	97.8	98.0	98.4
IV 400	70.7	81.3	85.6	88.0	92.1	92.7	95.0	95.8	95.8	96.9	98.0	98.1	98.3	98.3	98.4	98.8
IV 300	70.7	81.3	85.6	88.0	92.1	92.7	95.0	95.8	95.8	96.9	98.1	98.3	98.5	98.7	98.8	99.2
IV 200	70.7	81.3	85.6	88.0	92.1	92.7	95.0	95.8	95.8	96.9	98.3	98.4	98.8	98.9	99.1	99.5
IV 100	70.7	81.3	85.6	88.0	92.1	92.7	95.0	95.8	95.8	96.9	98.3	98.4	98.8	98.9	99.1	99.5
IV 0	70.7	81.3	85.6	88.0	92.1	92.7	95.0	95.8	95.8	96.9	98.3	98.4	99.1	99.2	99.3	99.9

TOTAL NUMBER OF OBSERVATIONS 788



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-01  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0
NO CEILING	44.5	48.8	49.7	49.7	49.8	49.8	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.5	50.5	51.3
≥ 20000	47.8	53.2	54.0	54.0	54.1	54.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	55.6
IV 18000	47.8	53.2	54.0	54.0	54.1	54.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	55.6
IV 16000	47.8	53.2	54.0	54.0	54.1	54.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	55.6
IV 14000	48.2	53.6	54.4	54.4	54.6	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	56.1
IV 12000	48.4	53.9	54.7	54.7	54.8	54.8	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	56.3
IV 10000	50.3	56.5	57.3	57.3	57.4	57.4	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.9
IV 9000	50.9	57.1	58.0	58.0	58.1	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8	58.8	59.6
IV 8000	51.4	58.2	59.0	59.2	59.3	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.8
IV 7000	51.7	58.6	59.6	59.7	59.9	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	61.4
IV 6000	52.8	59.7	60.7	60.8	61.0	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	62.4
IV 5000	55.0	62.2	63.1	63.3	63.4	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.9
IV 4500	55.4	62.6	63.5	63.7	63.8	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	65.3
IV 4000	57.3	64.6	65.6	65.7	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	67.3
IV 3500	58.9	66.8	67.9	68.0	68.2	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	69.7
IV 3000	60.4	69.1	70.5	70.6	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	72.2
IV 2500	63.9	72.9	74.4	74.8	75.1	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.9
IV 2000	65.6	75.9	78.0	78.6	79.5	79.6	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.7	80.7	81.5
IV 1800	66.5	77.3	79.5	80.1	81.0	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	83.0
IV 1500	66.9	78.6	81.2	83.0	83.8	83.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.9
IV 1200	68.0	80.7	83.8	86.1	87.6	87.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.9
IV 1000	68.2	81.1	84.6	87.2	89.4	89.5	91.3	91.6	91.6	92.0	92.0	92.0	92.0	92.1	92.1	92.9
IV 900	68.2	81.2	84.8	87.6	89.8	89.9	91.7	92.4	92.4	92.8	92.8	92.8	92.8	92.9	92.9	93.7
IV 800	68.2	81.2	84.8	87.6	90.1	90.2	92.1	93.1	93.1	93.5	93.5	93.5	93.5	93.6	93.6	94.4
IV 700	68.2	81.2	85.2	88.0	90.5	90.7	93.1	94.1	94.1	94.6	94.6	94.6	94.6	94.7	94.7	95.5
IV 600	68.2	81.2	85.2	88.0	90.5	90.7	93.9	95.0	95.0	96.1	96.1	96.1	96.1	96.2	96.2	97.0
IV 500	68.2	81.2	85.2	88.2	90.7	91.6	94.8	95.9	95.9	97.4	97.4	97.4	97.4	97.7	97.7	98.5
IV 400	68.2	81.2	85.2	88.2	90.7	91.6	94.8	95.9	95.9	97.4	97.4	97.4	97.4	97.7	97.7	98.5
IV 300	68.2	81.2	85.2	88.2	90.7	91.6	94.8	95.9	95.9	97.4	97.4	97.4	97.4	97.8	97.8	98.5
IV 200	68.2	81.2	85.2	88.2	90.7	91.6	94.8	95.9	95.9	97.4	97.7	97.7	97.7	98.2	98.2	99.2
IV 100	68.2	81.2	85.2	88.2	90.7	91.6	94.8	95.9	95.9	97.4	97.7	97.7	97.7	98.2	98.4	99.6
IV 0	68.2	81.2	85.2	88.2	90.7	92.6	94.8	95.9	95.9	97.4	97.7	97.7	97.7	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 735



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	37.0	43.5	46.2	47.1	47.8	48.1	48.2	48.5	48.5	48.7	48.9	48.9	49.0	49.0	49.0	49.5
≥ 18000	39.5	46.7	49.5	50.6	51.4	51.7	51.8	52.1	52.1	52.3	52.5	52.5	52.6	52.6	52.6	53.1
≥ 16000	39.5	46.7	49.5	50.6	51.4	51.7	51.8	52.1	52.1	52.3	52.5	52.5	52.6	52.6	52.6	53.1
≥ 14000	40.2	47.4	50.2	51.3	52.1	52.3	52.5	52.7	52.7	53.0	53.1	53.1	53.3	53.3	53.3	53.8
≥ 12000	40.7	47.9	50.7	51.8	52.6	52.9	53.0	53.3	53.3	53.5	53.7	53.7	53.8	53.8	53.8	54.3
≥ 10000	42.9	50.9	53.8	54.9	55.7	55.9	56.1	56.3	56.3	56.6	56.7	56.7	56.9	56.9	56.9	57.4
≥ 9000	43.1	51.3	54.2	55.3	56.1	56.3	56.5	56.7	56.7	57.0	57.1	57.1	57.3	57.3	57.3	57.8
≥ 8000	43.5	51.9	55.3	57.0	57.8	58.1	58.2	58.5	58.5	58.7	58.9	58.9	59.0	59.0	59.0	59.5
≥ 7000	44.6	53.1	56.5	58.2	59.1	59.4	59.7	59.9	59.9	60.2	60.3	60.3	60.5	60.5	60.5	61.0
≥ 6000	45.5	54.2	57.5	59.3	60.2	60.5	60.7	61.0	61.0	61.3	61.4	61.4	61.5	61.5	61.5	62.1
≥ 5000	47.3	56.2	59.5	61.3	62.3	62.6	62.9	63.2	63.2	63.4	63.6	63.6	63.7	63.7	63.7	64.2
≥ 4500	47.8	56.7	60.2	61.9	63.0	63.4	63.7	64.0	64.0	64.2	64.4	64.4	64.5	64.5	64.5	65.0
≥ 4000	49.7	59.7	63.2	64.9	66.1	66.6	67.0	67.3	67.3	67.6	67.7	67.7	67.8	67.8	67.8	68.4
≥ 3500	49.9	60.9	64.4	66.1	67.3	67.8	68.2	68.5	68.5	68.8	68.9	68.9	69.0	69.0	69.0	69.6
≥ 3000	51.4	62.9	67.0	69.2	70.4	70.9	71.3	71.8	71.8	72.1	72.2	72.2	72.4	72.4	72.4	72.9
≥ 2500	53.5	66.4	70.5	72.8	74.2	74.8	75.2	75.7	75.7	76.0	76.1	76.1	76.2	76.2	76.2	76.8
≥ 2000	55.7	69.4	74.0	76.6	78.2	78.8	79.2	79.7	79.7	80.1	80.5	80.5	80.6	80.6	80.6	81.2
≥ 1800	56.3	70.4	74.9	77.7	79.3	79.8	80.2	80.8	80.8	81.3	81.7	81.7	81.8	81.8	81.8	82.4
≥ 1500	57.0	72.1	77.3	80.4	82.4	83.2	83.8	84.4	84.4	84.9	85.3	85.3	85.4	85.4	85.4	86.0
≥ 1200	57.3	73.2	78.8	82.4	84.8	85.7	86.9	87.7	87.7	88.5	88.9	88.9	89.1	89.1	89.1	89.6
≥ 1000	57.4	73.7	79.4	83.2	86.1	87.6	89.5	90.7	90.7	91.7	92.1	92.1	92.3	92.3	92.3	92.8
≥ 900	57.4	73.8	79.6	83.6	86.6	88.1	90.0	91.2	91.2	92.4	92.8	92.8	92.9	92.9	92.9	93.5
≥ 800	57.4	74.0	79.8	84.1	87.2	88.8	90.9	92.3	92.3	93.6	94.0	94.0	94.1	94.1	94.1	94.7
≥ 700	57.4	74.1	80.2	84.8	87.6	89.2	91.6	93.1	93.1	94.5	95.1	95.1	95.2	95.2	95.2	95.7
≥ 600	57.4	74.2	80.4	84.6	87.7	89.3	92.0	93.7	93.7	95.6	96.1	96.1	96.3	96.3	96.3	96.8
≥ 500	57.4	74.2	80.4	84.6	87.9	89.9	92.8	94.8	94.8	97.1	97.9	97.9	98.1	98.1	98.1	98.7
≥ 400	57.4	74.2	80.4	84.6	87.9	89.9	92.8	94.9	94.9	97.2	98.0	98.0	98.3	98.3	98.3	98.8
≥ 300	57.4	74.2	80.4	84.6	87.9	89.9	92.8	95.1	95.1	97.3	98.4	98.4	98.7	98.7	98.7	99.2
≥ 200	57.4	74.2	80.4	84.6	87.9	89.9	92.8	95.1	95.1	97.3	98.4	98.4	98.7	98.7	98.7	99.3
≥ 100	57.4	74.2	80.4	84.6	87.9	89.9	92.8	95.1	95.1	97.3	98.4	98.4	98.7	98.7	98.7	99.7
≥ 0	57.5	74.4	80.5	84.8	88.0	90.0	92.9	95.2	95.2	97.5	98.5	98.5	98.8	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 749

USAF ETAC FORM 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726437  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.7	≥.6	≥.5	≥.4	≥.3
NO CEILING	34.1	41.8	43.4	44.2	45.8	45.9	46.2	46.2	46.2	46.5	46.5	46.5	46.6	46.6	46.6	46.6
≥ 20000	37.9	45.5	47.4	48.2	49.9	50.1	50.3	50.3	50.3	50.6	50.6	50.6	50.7	50.7	50.7	50.7
≥ 18000	37.9	45.5	47.4	48.2	49.9	50.1	50.3	50.3	50.3	50.6	50.6	50.6	50.7	50.7	50.7	50.7
≥ 16000	37.9	45.5	47.4	48.2	49.9	50.1	50.3	50.3	50.3	50.6	50.6	50.6	50.7	50.7	50.7	50.7
≥ 14000	38.8	46.9	48.7	49.5	51.3	51.4	51.7	51.7	51.7	51.9	51.9	51.9	52.1	52.1	52.1	52.1
≥ 12000	40.3	48.6	50.6	51.4	53.1	53.3	53.5	53.5	53.5	53.8	53.8	53.8	53.9	53.9	53.9	53.9
≥ 10000	43.5	51.8	54.2	55.0	56.8	56.9	57.2	57.2	57.2	57.4	57.4	57.4	57.6	57.6	57.6	57.6
≥ 9000	43.9	52.2	54.6	55.4	57.2	57.3	57.6	57.6	57.6	57.8	57.8	57.8	58.0	58.0	58.0	58.0
≥ 8000	44.6	53.3	56.0	56.9	58.6	58.8	59.0	59.0	59.0	59.3	59.3	59.3	59.4	59.4	59.4	59.4
≥ 7000	45.9	54.9	57.8	58.8	60.5	60.9	61.2	61.2	61.2	61.4	61.4	61.4	61.6	61.6	61.6	61.6
≥ 6000	47.0	56.4	59.3	60.2	62.0	62.4	62.7	62.7	62.7	62.9	62.9	62.9	63.1	63.1	63.1	63.1
≥ 5000	48.5	58.6	61.8	62.8	64.5	64.9	65.2	65.2	65.2	65.5	65.5	65.5	65.6	65.6	65.6	65.6
≥ 4500	48.9	59.2	62.4	63.3	65.1	65.5	65.7	65.7	65.7	66.0	66.0	66.0	66.1	66.1	66.1	66.1
≥ 4000	49.8	61.2	64.8	65.9	67.7	68.1	68.4	68.5	68.5	68.8	68.8	68.8	68.9	68.9	68.9	68.9
≥ 3500	49.9	61.3	65.1	66.1	68.0	68.4	68.8	68.9	68.9	69.2	69.2	69.2	69.3	69.3	69.3	69.3
≥ 3000	51.7	63.3	67.2	68.5	70.4	70.8	71.4	71.5	71.5	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 2500	53.3	65.8	69.7	71.1	73.1	73.6	74.2	74.4	74.4	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 2000	55.7	68.7	73.1	75.0	77.2	77.9	78.6	78.8	78.8	79.4	79.5	79.5	79.7	79.7	79.7	79.7
≥ 1800	56.6	70.1	74.8	76.7	79.0	79.7	80.5	80.7	80.7	81.3	81.4	81.4	81.5	81.5	81.5	81.5
≥ 1500	57.3	71.1	76.2	78.4	80.9	81.8	83.3	83.8	83.8	84.5	84.6	84.6	84.7	84.7	84.7	84.7
≥ 1200	57.6	71.8	77.5	80.2	83.1	85.0	87.1	88.0	88.0	88.8	89.0	89.0	89.2	89.2	89.2	89.2
≥ 1000	58.5	72.8	78.8	81.9	85.8	87.6	90.5	91.8	91.8	93.7	94.0	94.0	94.1	94.1	94.1	94.1
≥ 900	58.5	73.1	79.1	82.2	85.8	88.0	91.2	92.6	92.6	94.6	94.9	94.9	95.0	95.0	95.0	95.0
≥ 800	58.5	73.2	79.5	82.9	86.5	88.6	92.1	94.0	94.0	97.1	97.3	97.3	97.5	97.5	97.5	97.5
≥ 700	58.5	73.2	79.5	83.0	86.6	88.9	92.9	95.0	95.0	98.1	98.4	98.4	98.5	98.5	98.5	98.5
≥ 600	58.5	73.2	79.5	83.0	86.6	88.9	92.9	95.2	95.2	98.3	98.7	98.7	98.8	98.8	98.8	98.8
≥ 500	58.5	73.2	79.5	83.3	86.9	89.3	93.3	95.6	95.6	98.7	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	58.5	73.2	79.5	83.3	86.9	89.3	93.3	95.6	95.6	98.7	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	58.5	73.2	79.5	83.3	86.9	89.3	93.3	95.6	95.6	98.7	99.1	99.1	99.3	99.3	99.3	99.3
≥ 200	58.5	73.2	79.5	83.3	86.9	89.3	93.3	95.6	95.6	98.7	99.1	99.1	99.3	99.3	99.3	99.3
≥ 100	58.5	73.2	79.5	83.3	86.9	89.3	93.3	95.6	95.6	98.7	99.1	99.1	99.3	99.3	99.3	100.0
≥ 0	58.5	73.2	79.5	83.3	86.9	89.3	93.3	95.6	95.6	98.7	99.1	99.1	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 747



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	42.8	46.5	47.9	48.1	48.4	48.4	48.4	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	46.8	51.6	53.2	53.6	54.0	54.0	54.0	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 18000	46.8	51.7	53.3	53.7	54.1	54.1	54.1	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 16000	46.8	51.7	53.3	53.7	54.1	54.1	54.1	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 14000	47.7	52.7	54.3	54.7	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 12000	48.8	54.0	55.6	56.0	56.4	56.4	56.4	56.4	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 10000	51.5	56.9	58.5	58.9	59.3	59.3	59.3	59.3	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 9000	52.0	57.5	59.1	59.5	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 8000	54.0	59.6	61.2	61.6	62.0	62.0	62.0	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 7000	55.2	61.1	62.8	63.2	63.6	63.6	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 6000	55.3	61.3	63.1	63.5	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 5000	57.1	63.6	66.1	66.7	67.2	67.2	67.2	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 4500	57.3	63.9	66.4	66.9	67.5	67.5	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 4000	58.3	65.2	67.7	68.3	68.8	68.8	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 3500	58.5	65.5	68.0	68.7	69.3	69.3	69.3	69.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 3000	61.3	68.8	71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 2500	63.5	71.6	74.3	74.9	75.9	75.9	76.0	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 2000	67.7	77.5	80.5	81.2	82.4	82.9	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 1800	68.1	77.9	80.9	81.6	82.8	83.3	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 1500	70.5	81.3	84.5	85.6	87.2	87.9	88.3	88.9	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1200	71.1	82.0	85.5	87.1	88.8	90.1	90.9	92.0	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1000	71.2	82.4	86.1	87.9	89.9	91.7	93.2	95.1	95.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5
IV 900	71.2	82.4	86.1	87.9	89.9	91.9	93.6	95.6	95.6	96.8	97.3	97.3	97.3	97.3	97.3	97.3
IV 800	71.2	82.4	86.3	88.0	90.0	92.3	94.1	96.1	96.1	97.9	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	71.2	82.4	86.4	88.3	90.4	92.7	94.8	96.7	96.7	98.4	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	71.2	82.4	86.5	88.7	90.9	93.8	95.1	97.2	97.2	98.9	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	71.2	82.4	86.5	88.8	91.2	93.8	95.3	97.8	97.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	71.2	82.4	86.5	88.8	91.2	93.8	95.3	97.8	97.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	71.2	82.4	86.5	88.8	91.2	93.8	95.3	97.8	97.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	71.2	82.4	86.5	88.8	91.2	93.8	95.3	97.8	97.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	71.2	82.4	86.5	88.8	91.2	93.8	95.3	97.8	97.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	71.2	82.4	86.5	88.8	91.2	93.8	95.3	97.8	97.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 750



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430 LA CROSSE MAP, WI

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.10	≥0.05	≥0.025	≥0.01
NO CEILING	47.1	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	52.9	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 18000	53.3	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	53.3	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	54.0	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	54.8	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 10000	57.7	60.9	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	58.5	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	60.0	63.5	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 7000	61.5	65.0	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	62.4	65.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	63.4	67.0	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4500	64.0	67.8	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4000	64.6	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3500	66.7	71.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3000	70.5	76.0	77.2	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500	73.8	80.0	81.2	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	76.9	83.9	85.8	86.2	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	77.2	84.3	86.7	87.1	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	78.5	85.6	88.6	89.5	90.6	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	78.8	86.3	89.7	90.9	91.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	79.2	86.8	90.5	91.8	93.3	94.5	95.3	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	79.2	86.8	90.5	91.8	93.3	94.5	95.3	96.0	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	79.2	86.8	90.5	91.8	93.3	94.5	95.3	96.0	96.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	79.3	87.0	90.6	91.9	93.4	94.6	95.4	96.4	96.4	96.4	97.0	97.6	97.6	97.6	97.6	97.6
≥ 600	79.3	87.0	90.9	92.2	93.7	94.9	95.7	96.8	96.8	96.8	97.9	98.5	98.5	98.5	98.5	98.5
≥ 500	79.3	87.0	90.9	92.2	93.7	94.9	95.7	96.8	96.8	96.8	98.1	99.2	99.2	99.2	99.2	99.2
≥ 400	79.3	87.0	90.9	92.2	93.7	94.9	95.7	96.8	96.8	96.8	98.5	99.7	99.7	99.7	99.7	99.7
≥ 300	79.3	87.0	90.9	92.2	93.7	94.9	95.7	96.8	96.8	96.8	98.5	99.7	99.7	99.7	99.7	99.7
≥ 200	79.3	87.0	90.9	92.2	93.7	94.9	95.7	96.8	96.8	96.8	98.5	99.7	99.7	99.7	99.7	99.7
≥ 100	79.3	87.0	90.9	92.2	93.7	94.9	95.7	96.8	96.8	96.8	98.5	99.7	99.7	99.7	99.7	99.7
≥ 0	79.3	87.0	90.9	92.2	93.7	94.9	95.7	96.8	96.8	96.8	98.5	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 795



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72643C LA CROSSE MAP, WI

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	49.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	53.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	53.5	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	53.5	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 14000	53.9	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	54.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	57.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	57.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	59.4	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	60.2	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	60.8	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 5000	61.8	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500	62.7	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	63.2	67.9	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 3500	66.0	70.8	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 3000	68.9	74.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	73.0	79.7	81.5	81.9	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000	75.5	83.4	86.1	86.9	87.6	88.0	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	76.2	84.5	87.4	88.4	89.2	89.6	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	77.2	85.7	89.4	90.6	91.7	92.5	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	77.2	85.8	89.8	91.3	92.5	93.7	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	77.2	85.9	90.4	92.4	94.0	95.4	96.9	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	77.2	85.9	90.4	92.4	94.0	95.6	97.1	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	77.2	85.9	90.5	92.5	94.1	95.7	97.5	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	77.2	85.9	90.5	92.5	94.1	95.9	97.6	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	77.2	85.9	90.5	92.5	94.1	96.0	97.7	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	77.2	85.9	90.5	92.5	94.1	96.1	97.9	98.5	98.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	77.2	85.9	90.5	92.5	94.1	96.1	97.9	98.5	98.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	77.2	85.9	90.5	92.5	94.1	96.1	97.9	98.5	98.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	77.2	85.9	90.5	92.5	94.1	96.1	97.9	98.5	98.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	77.2	85.9	90.5	92.5	94.1	96.1	97.9	98.5	98.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	77.2	85.9	90.5	92.5	94.1	96.1	97.9	98.5	98.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 797



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430 LA CROSSE MAP, WI

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	49.5	53.8	53.8	53.8	54.0	54.0	54.4	54.5	54.5	54.5	54.8	54.8	54.9	54.9	55.0	55.0
≥ 20000	52.3	57.0	57.2	57.2	57.3	57.3	57.7	57.9	57.9	57.9	58.1	58.1	58.3	58.3	58.4	58.4
≥ 18000	52.3	57.0	57.2	57.2	57.3	57.3	57.7	57.9	57.9	57.9	58.1	58.1	58.3	58.3	58.4	58.4
≥ 16000	52.8	57.4	57.6	57.6	57.7	57.7	58.1	58.3	58.3	58.3	58.5	58.5	58.7	58.7	58.8	58.8
≥ 14000	53.2	57.9	58.0	58.0	58.1	58.1	58.5	58.7	58.7	58.7	58.9	58.9	59.1	59.1	59.2	59.2
≥ 12000	53.6	58.3	58.5	58.5	58.7	58.7	59.1	59.2	59.2	59.2	59.5	59.5	59.6	59.6	59.7	59.7
≥ 10000	57.3	62.1	62.4	62.4	62.6	62.6	63.0	63.1	63.1	63.1	63.4	63.4	63.5	63.5	63.6	63.6
≥ 9000	57.7	62.6	62.8	62.8	63.0	63.0	63.4	63.5	63.5	63.5	63.8	63.8	63.9	63.9	64.0	64.0
≥ 8000	59.1	64.2	64.4	64.4	64.6	64.6	65.0	65.1	65.1	65.1	65.4	65.4	65.5	65.5	65.6	65.6
≥ 7000	59.7	64.8	65.1	65.1	65.2	65.2	65.6	65.8	65.8	65.8	66.0	66.0	66.2	66.2	66.3	66.3
≥ 6000	60.4	65.5	65.8	66.0	66.2	66.2	66.6	66.7	66.7	66.7	67.0	67.0	67.1	67.1	67.2	67.2
≥ 5000	62.1	67.2	67.5	67.8	67.9	67.9	68.3	68.5	68.5	68.5	68.7	68.7	68.9	68.9	69.0	69.0
≥ 4500	62.7	67.9	68.3	68.6	68.7	68.7	69.1	69.3	69.3	69.3	69.5	69.5	69.7	69.7	69.8	69.8
≥ 4000	64.0	69.4	69.9	70.2	70.6	70.7	71.1	71.3	71.3	71.3	71.5	71.5	71.7	71.7	71.8	71.8
≥ 3500	65.4	70.9	71.7	71.9	72.3	72.6	73.0	73.2	73.2	73.2	73.4	73.4	73.6	73.6	73.7	73.7
≥ 3000	67.0	72.8	73.7	74.2	74.8	75.0	75.4	75.6	75.6	75.6	75.8	75.8	76.0	76.0	76.1	76.1
≥ 2500	69.0	76.5	78.3	79.1	79.7	80.0	80.4	80.9	80.9	80.9	80.8	80.8	80.9	80.9	81.1	81.1
≥ 2000	72.2	80.3	82.8	84.3	85.6	86.0	86.7	87.2	87.2	87.2	87.5	87.5	87.7	87.7	87.8	87.8
≥ 1800	73.0	81.3	83.9	85.6	87.1	87.7	88.3	88.9	88.9	88.9	89.1	89.1	89.3	89.3	89.4	89.4
≥ 1500	73.6	82.3	85.2	87.1	88.7	89.5	90.3	91.0	91.0	91.0	91.3	91.3	91.4	91.4	91.5	91.5
≥ 1200	74.2	83.5	86.8	88.9	90.6	91.7	92.6	93.4	93.4	93.4	93.7	93.7	93.8	93.8	94.0	94.0
≥ 1000	74.2	83.9	87.5	89.9	92.3	93.8	95.2	96.2	96.2	96.2	96.5	96.5	96.6	96.6	96.8	96.8
≥ 900	74.2	83.9	87.5	90.2	92.6	94.1	95.4	96.5	96.5	96.5	97.0	97.0	97.2	97.2	97.3	97.3
≥ 800	74.2	83.9	87.5	90.5	93.0	94.5	96.0	97.3	97.3	97.3	97.7	97.7	98.0	98.0	98.3	98.3
≥ 700	74.2	83.9	87.5	90.5	93.0	94.5	96.0	97.3	97.3	97.3	97.9	98.3	98.4	98.4	98.5	98.5
≥ 600	74.2	83.9	87.5	90.5	93.3	94.8	96.2	97.7	97.7	97.7	98.3	98.7	98.8	98.8	98.9	98.9
≥ 500	74.2	83.9	87.5	90.5	93.3	94.8	96.2	97.7	97.7	97.7	98.4	98.9	98.9	99.1	99.2	99.2
≥ 400	74.2	83.9	87.5	90.5	93.3	94.9	96.4	98.0	98.0	98.0	98.8	99.1	99.1	99.3	99.3	99.5
≥ 300	74.2	83.9	87.5	90.5	93.3	94.9	96.5	98.1	98.1	98.1	98.9	99.5	99.5	99.7	99.7	99.9
≥ 200	74.2	83.9	87.5	90.5	93.3	94.9	96.5	98.1	98.1	98.1	98.9	99.5	99.5	99.7	99.7	99.9
≥ 100	74.2	83.9	87.5	90.5	93.3	94.9	96.5	98.1	98.1	98.1	98.9	99.5	99.5	99.7	99.7	100.0
≥ 0	74.2	83.9	87.5	90.5	93.3	94.9	96.5	98.1	98.1	98.1	98.9	99.5	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 745



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430 LA CROSSE MAP, WI

73-81

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	43.8	48.2	49.2	49.5	49.9	49.9	50.1	50.2	50.2	50.3	50.4	50.4	50.5	50.5	50.5	50.7
IV 18000	47.5	52.7	53.7	54.1	54.5	54.6	54.8	54.8	54.8	54.9	55.0	55.0	55.1	55.1	55.1	55.3
IV 16000	47.6	52.8	53.9	54.2	54.7	54.7	54.9	54.9	54.9	55.0	55.1	55.1	55.2	55.2	55.3	55.5
IV 14000	48.2	53.5	54.6	54.9	55.4	55.4	55.6	55.6	55.6	55.7	55.8	55.8	55.9	55.9	56.0	56.2
IV 12000	48.9	54.3	55.4	55.7	56.2	56.2	56.4	56.5	56.5	56.6	56.7	56.7	56.7	56.7	56.8	57.0
IV 10000	51.8	57.5	58.7	59.0	59.4	59.5	59.7	59.7	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.2
IV 9000	52.4	58.1	59.2	59.5	60.0	60.1	60.2	60.3	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.8
IV 8000	53.5	59.5	60.7	61.2	61.6	61.7	61.9	61.9	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.4
IV 7000	54.4	60.5	61.9	62.3	62.8	62.9	63.1	63.1	63.1	63.2	63.3	63.3	63.4	63.4	63.5	63.7
IV 6000	55.2	61.4	62.7	63.2	63.7	63.8	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.6
IV 5000	56.7	63.2	64.7	65.2	65.7	65.8	66.0	66.1	66.1	66.2	66.3	66.3	66.3	66.3	66.4	66.6
IV 4500	57.2	63.8	65.3	65.8	66.4	66.5	66.7	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.2
IV 4000	58.5	65.5	67.2	67.7	68.3	68.5	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.1	69.3
IV 3500	59.7	67.1	68.9	69.4	70.1	70.2	70.4	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.8	71.0
IV 3000	62.0	69.9	72.0	72.7	73.4	73.5	73.8	73.9	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.9
IV 2500	64.5	73.3	75.7	76.5	77.4	77.6	77.9	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.4	78.6
IV 2000	67.2	77.0	80.0	81.1	82.4	82.8	83.2	83.5	83.5	83.6	83.8	83.8	83.8	83.8	83.9	84.1
IV 1800	67.8	77.9	81.1	82.3	83.6	84.0	84.5	84.8	84.8	84.9	85.1	85.1	85.2	85.2	85.2	85.4
IV 1600	68.8	79.5	83.1	84.8	86.3	86.9	87.7	88.0	88.0	88.3	88.4	88.4	88.5	88.5	88.5	88.7
IV 1400	69.3	80.5	84.5	86.6	88.4	89.3	90.4	90.9	90.9	91.2	91.4	91.4	91.5	91.5	91.5	91.7
IV 1200	69.6	81.0	85.3	87.7	90.2	91.4	93.0	93.9	93.9	94.6	94.8	94.8	94.9	94.9	95.0	95.2
IV 1000	69.6	81.0	85.4	87.9	90.4	91.7	93.4	94.3	94.3	95.2	95.4	95.4	95.5	95.5	95.6	95.8
IV 900	69.6	81.1	85.5	88.1	90.7	92.0	93.9	95.1	95.1	96.1	96.4	96.4	96.5	96.5	96.5	96.7
IV 800	69.6	81.1	85.7	88.3	90.9	92.3	94.4	95.7	95.7	96.8	97.2	97.2	97.2	97.2	97.3	97.5
IV 700	69.6	81.1	85.8	88.4	91.1	92.5	94.7	96.1	96.1	97.5	97.9	97.9	97.9	97.9	98.0	98.2
IV 600	69.6	81.1	85.8	88.5	91.2	92.8	95.1	96.6	96.6	98.1	98.7	98.7	98.9	98.9	98.9	99.1
IV 500	69.6	81.1	85.8	88.5	91.2	92.9	95.2	96.7	96.7	98.3	98.9	98.9	99.1	99.1	99.1	99.3
IV 400	69.6	81.1	85.8	88.5	91.2	92.9	95.2	96.7	96.7	98.3	99.0	99.0	99.3	99.3	99.3	99.5
IV 300	69.6	81.1	85.8	88.5	91.2	92.9	95.2	96.7	96.7	98.3	99.0	99.1	99.3	99.4	99.4	99.6
IV 200	69.6	81.1	85.8	88.5	91.2	92.9	95.2	96.7	96.7	98.3	99.0	99.1	99.3	99.4	99.5	99.8
IV 100	69.6	81.1	85.8	88.5	91.2	92.9	95.2	96.7	96.7	98.3	99.0	99.1	99.3	99.4	99.5	99.8
IV 0	69.6	81.2	85.8	88.5	91.2	92.9	95.2	96.7	96.7	98.3	99.1	99.1	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5962

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	45.9	47.7	47.8	48.2	48.8	48.8	49.0	49.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.4
≥ 20000	47.2	49.4	49.5	49.9	50.5	50.5	50.7	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.1
IV 18000	47.2	49.4	49.5	49.9	50.5	50.5	50.7	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.1
IV 16000	47.2	49.4	49.5	49.9	50.5	50.5	50.7	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.1
IV 14000	47.9	50.1	50.2	50.6	51.2	51.2	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.8
IV 12000	48.3	50.5	50.6	51.0	51.6	51.6	51.8	51.8	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.2
IV 10000	50.9	53.2	53.3	53.9	54.5	54.5	54.8	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.2
IV 9000	51.5	53.8	53.9	54.5	55.2	55.2	55.4	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.8
IV 8000	53.6	55.9	56.0	56.6	57.2	57.2	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.9
IV 7000	54.2	56.6	56.9	57.5	58.1	58.1	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.7
IV 6000	54.7	57.4	57.6	58.2	58.8	58.8	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.5
IV 5000	55.4	58.4	58.6	59.2	59.8	60.1	60.3	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.7
≥ 4500	55.9	58.8	59.1	59.7	60.3	60.6	60.8	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.2
IV 4000	57.9	61.4	61.8	62.4	63.0	63.3	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	64.0
IV 3500	59.8	63.5	63.9	64.5	65.4	65.6	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3
IV 3000	63.3	67.1	67.7	68.4	69.3	69.7	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.4
IV 2500	66.2	70.5	71.7	72.5	73.3	73.7	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.4
IV 2000	68.9	73.6	75.7	76.4	77.9	78.3	78.7	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.2
IV 1800	69.8	74.8	77.0	77.8	79.2	79.6	80.1	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.6
IV 1500	70.6	76.3	78.9	79.6	81.1	81.4	82.1	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.7
IV 1200	71.5	77.6	81.0	81.8	83.9	84.3	84.9	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.6
IV 1000	71.6	78.6	82.3	83.8	87.3	87.7	88.6	89.3	89.3	90.2	90.2	90.2	90.2	90.2	90.2	90.3
IV 900	71.6	78.9	82.8	84.3	88.2	88.6	89.7	90.4	90.4	91.3	91.3	91.3	91.3	91.3	91.3	91.4
IV 800	71.6	79.0	82.9	84.9	89.4	89.8	91.0	91.8	91.8	93.0	93.6	93.6	93.6	93.6	93.6	93.7
IV 700	71.6	79.0	82.9	84.9	89.4	89.8	91.3	92.3	92.3	93.5	94.3	94.3	94.3	94.3	94.3	94.5
IV 600	71.6	79.0	82.9	84.9	89.4	89.8	91.4	92.8	92.8	94.2	95.2	95.2	95.2	95.2	95.2	95.3
IV 500	71.6	79.0	82.9	84.9	89.4	89.8	91.5	93.0	93.0	95.5	96.4	96.4	96.4	96.4	96.4	96.7
IV 400	71.6	79.0	82.9	84.9	89.6	89.9	92.4	93.9	93.9	96.6	97.5	97.5	97.5	97.5	97.5	97.9
IV 300	71.6	79.0	82.9	84.9	89.6	89.9	92.4	93.9	93.9	96.6	97.5	97.5	97.5	97.5	97.5	98.2
IV 200	71.6	79.0	82.9	84.9	89.6	89.9	92.4	93.9	93.9	96.6	97.5	97.5	97.5	97.5	97.5	98.2
IV 100	71.6	79.0	82.9	84.9	89.6	89.9	92.4	93.9	93.9	96.6	97.5	97.5	97.5	97.5	97.5	98.3
IV 0	71.6	79.0	82.9	84.9	89.6	89.9	92.4	93.9	93.9	96.6	97.5	97.5	97.5	97.5	97.5	98.3

TOTAL NUMBER OF OBSERVATIONS 814



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	43.3	45.5	45.8	45.9	46.1	46.1	46.3	46.3	46.3	46.5	46.7	46.7	46.7	46.7	46.9	46.9
IV 20000	44.7	47.4	48.0	48.1	48.2	48.2	48.5	48.5	48.5	48.7	48.8	48.8	48.8	48.8	49.1	49.1
IV 18000	44.7	47.4	48.0	48.1	48.2	48.2	48.5	48.5	48.5	48.7	48.8	48.8	48.8	48.8	49.1	49.1
IV 16000	44.7	47.4	48.0	48.1	48.2	48.2	48.5	48.5	48.5	48.7	48.8	48.8	48.8	48.8	49.1	49.1
IV 14000	45.3	48.0	48.6	48.7	48.8	48.8	49.1	49.1	49.1	49.3	49.5	49.5	49.5	49.5	49.7	49.7
IV 12000	46.5	49.2	49.8	49.9	50.1	50.1	50.3	50.3	50.3	50.5	50.7	50.7	50.7	50.7	50.9	50.9
IV 10000	50.1	53.0	53.8	53.9	54.3	54.3	54.5	54.5	54.5	54.8	54.9	54.9	54.9	54.9	55.2	55.2
IV 9000	50.9	53.8	54.7	54.8	55.2	55.2	55.4	55.4	55.4	55.6	55.8	55.8	55.8	55.8	56.0	56.0
IV 8000	52.7	55.8	56.6	56.7	57.1	57.1	57.3	57.3	57.3	57.6	57.7	57.7	57.7	57.7	57.9	57.9
IV 7000	53.6	56.7	57.6	57.7	58.1	58.1	58.3	58.3	58.3	58.5	58.7	58.7	58.7	58.7	58.9	58.9
IV 6000	53.8	57.3	58.2	58.3	58.7	58.7	58.9	58.9	58.9	59.2	59.3	59.3	59.3	59.3	59.5	59.5
IV 5000	54.4	58.1	58.9	59.3	59.6	60.0	60.2	60.2	60.2	60.5	60.6	60.6	60.6	60.6	60.8	60.8
IV 4500	54.7	58.3	59.2	59.5	59.9	60.2	60.5	60.5	60.5	60.7	60.8	60.8	60.8	60.8	61.1	61.1
IV 4000	56.2	60.0	61.0	61.3	61.7	62.1	62.3	62.3	62.3	62.5	62.7	62.7	62.7	62.7	62.9	62.9
IV 3500	57.7	61.6	62.5	62.9	63.3	63.6	63.9	63.9	63.9	64.1	64.2	64.2	64.2	64.2	64.5	64.5
IV 3000	60.7	65.3	66.9	67.3	67.8	68.1	68.4	68.4	68.4	68.6	68.7	68.7	68.7	68.7	69.0	69.0
IV 2500	63.0	68.1	69.9	70.3	70.8	71.2	71.4	71.4	71.4	71.6	71.8	71.8	71.8	71.8	72.0	72.0
IV 2000	67.2	72.6	75.2	75.5	76.2	76.6	76.8	76.8	76.8	77.1	77.2	77.2	77.2	77.2	77.5	77.5
IV 1800	67.8	73.5	76.1	76.5	77.3	77.7	77.9	77.9	77.9	78.2	78.3	78.3	78.3	78.3	78.5	78.5
IV 1500	68.7	74.8	77.8	78.5	79.4	79.8	80.0	80.0	80.0	80.2	80.4	80.4	80.4	80.4	80.6	80.6
IV 1200	69.1	75.4	79.2	80.2	81.2	81.7	82.1	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.7	82.7
IV 1000	69.2	76.8	81.1	83.3	85.5	86.1	86.7	86.8	86.8	87.4	87.6	87.6	87.6	87.6	88.0	88.0
IV 900	69.3	77.1	81.5	83.9	86.4	87.3	88.2	88.5	88.5	89.1	89.3	89.3	89.3	89.3	89.5	89.7
IV 800	69.3	77.2	81.6	84.4	87.9	88.8	90.2	90.9	91.5	91.9	92.1	92.1	92.1	92.1	92.5	92.5
IV 700	69.3	77.2	81.6	84.4	88.1	89.3	90.8	91.5	91.5	92.5	92.7	92.7	92.7	92.8	93.1	93.1
IV 600	69.3	77.2	81.6	84.7	88.5	89.8	91.3	92.0	92.0	93.5	93.7	93.7	93.7	93.8	94.1	94.1
IV 500	69.3	77.2	81.6	84.7	88.5	89.8	92.1	93.0	93.0	94.9	95.3	95.3	95.3	95.6	95.9	95.9
IV 400	69.3	77.2	81.6	84.7	88.5	89.8	92.2	93.1	93.1	95.2	95.9	95.9	95.9	96.1	96.3	96.5
IV 300	69.3	77.2	81.6	84.7	88.5	89.8	92.5	93.3	93.3	95.5	96.2	96.2	96.2	96.8	97.2	97.2
IV 200	69.3	77.2	81.6	84.7	88.5	89.8	92.5	93.3	93.3	95.6	96.4	96.4	96.4	97.2	97.9	97.9
IV 100	69.3	77.2	81.6	84.7	88.5	89.8	92.5	93.3	93.3	95.6	96.4	96.4	97.1	97.5	98.4	98.7
IV 0	69.3	77.3	81.7	84.8	88.6	89.9	92.6	93.5	93.5	95.8	96.5	96.5	97.3	97.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 825

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .25	≥ .2	≥ .15	≥ 0
NO CEILING ≥ 20000	34.0	38.8	39.6	40.7	41.8	42.0	42.2	42.3	42.3	42.7	43.1	43.1	43.2	43.3	43.4	43.4
≥ 18000	36.3	41.8	42.9	44.3	45.4	45.5	45.8	45.9	45.9	46.3	46.6	46.6	46.7	46.9	47.0	47.0
≥ 16000	36.4	42.0	43.1	44.4	45.5	45.6	45.9	46.0	46.0	46.4	46.7	46.7	46.9	47.0	47.1	47.1
≥ 14000	37.3	42.9	44.0	45.4	46.5	46.6	46.9	47.0	47.0	47.4	47.7	47.7	47.9	48.0	48.1	48.1
≥ 12000	38.3	44.0	45.3	46.6	47.7	47.9	48.1	48.2	48.2	48.6	49.0	49.0	49.1	49.2	49.3	49.3
≥ 10000	42.7	49.2	50.4	51.9	53.0	53.1	53.4	53.5	53.5	53.9	54.2	54.2	54.4	54.5	54.6	54.6
≥ 9000	43.4	50.1	51.3	52.8	53.9	54.0	54.2	54.4	54.4	54.7	55.1	55.1	55.2	55.3	55.5	55.5
≥ 8000	44.7	51.8	53.1	54.6	55.7	55.8	56.1	56.2	56.2	56.6	56.9	56.9	57.1	57.2	57.3	57.3
≥ 7000	45.8	53.0	54.5	56.0	57.1	57.2	57.4	57.5	57.5	57.9	58.3	58.3	58.4	58.5	58.7	58.7
≥ 6000	45.9	53.4	55.1	56.6	57.8	57.9	58.2	58.3	58.3	58.7	59.0	59.0	59.1	59.3	59.4	59.4
≥ 5000	47.0	55.1	56.9	58.4	59.8	59.9	60.1	60.2	60.2	60.6	61.0	61.0	61.1	61.2	61.3	61.3
≥ 4500	47.7	55.8	57.7	59.1	60.5	60.6	60.9	61.0	61.0	61.3	61.7	61.7	61.8	62.0	62.1	62.1
≥ 4000	49.1	57.3	59.1	60.6	62.0	62.1	62.3	62.5	62.5	62.8	63.2	63.2	63.3	63.4	63.6	63.6
≥ 3500	50.2	58.8	60.6	62.1	63.4	63.6	63.8	63.9	63.9	64.3	64.7	64.7	64.8	64.9	65.0	65.0
≥ 3000	51.3	60.4	62.3	63.9	65.3	65.5	65.9	66.0	66.0	66.4	66.7	66.7	66.9	67.0	67.1	67.1
≥ 2500	54.0	63.2	65.3	66.9	68.3	69.0	69.4	69.6	69.6	70.1	70.4	70.4	70.6	70.7	70.8	70.8
≥ 2000	57.2	66.7	69.1	70.7	72.3	73.0	73.7	74.0	74.0	74.5	74.8	74.8	75.0	75.1	75.2	75.2
≥ 1800	58.7	68.5	70.9	72.5	74.1	74.8	75.6	76.0	76.0	76.4	76.8	76.8	76.9	77.1	77.2	77.2
≥ 1500	58.9	68.8	71.7	73.3	75.1	75.8	76.6	77.2	77.2	77.8	78.2	78.2	78.3	78.4	78.5	78.5
≥ 1200	59.3	69.6	72.6	74.5	76.6	77.5	78.8	79.5	79.5	80.2	80.6	80.6	80.7	80.9	81.0	81.0
≥ 1000	59.6	71.3	75.1	77.8	81.0	82.5	84.7	85.4	85.4	86.7	87.1	87.1	87.2	87.4	87.5	87.5
≥ 900	59.8	71.4	75.3	78.2	82.2	83.9	86.5	87.2	87.2	88.6	89.0	89.0	89.1	89.2	89.3	89.3
≥ 800	59.8	71.8	75.7	78.9	83.9	85.9	88.7	89.6	89.6	90.9	91.3	91.3	91.4	91.5	91.7	91.7
≥ 700	59.8	71.9	76.0	79.1	84.4	86.4	89.4	90.3	90.3	91.8	92.1	92.1	92.3	92.4	92.5	92.5
≥ 600	59.8	71.9	76.0	79.3	84.5	86.7	89.9	91.4	91.4	93.0	93.4	93.4	93.5	93.6	93.9	93.9
≥ 500	59.8	72.0	76.1	79.4	84.9	87.2	90.7	92.6	92.6	94.8	95.8	95.8	96.0	96.1	96.3	96.3
≥ 400	59.8	72.0	76.1	79.6	85.2	87.5	91.0	93.0	93.0	95.3	96.3	96.3	96.4	96.6	96.8	96.9
≥ 300	59.8	72.0	76.1	79.6	85.2	87.5	91.0	93.1	93.1	95.7	96.7	96.8	97.2	97.3	97.8	98.2
≥ 200	59.8	72.0	76.1	79.6	85.2	87.5	91.0	93.1	93.1	95.7	96.7	96.8	97.4	97.8	98.7	99.4
≥ 100	59.8	72.0	76.1	79.6	85.2	87.5	91.0	93.1	93.1	95.7	96.7	96.8	97.4	97.8	98.7	99.4
≥ 0	59.8	72.1	76.2	79.8	85.3	87.6	91.2	93.3	93.3	95.8	96.8	96.9	97.5	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 815



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ 0
NO CEILING	38.5	42.6	43.3	43.8	44.3	44.4	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6
≥ 20000	41.8	46.5	47.2	47.7	48.3	48.4	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7
≥ 18000	41.8	46.5	47.2	47.7	48.3	48.4	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	41.8	46.5	47.2	47.7	48.3	48.4	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	42.3	47.3	48.0	48.5	49.1	49.3	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5
≥ 12000	42.9	48.0	48.9	49.4	50.0	50.1	50.2	50.2	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4
≥ 10000	46.0	51.3	52.2	52.7	53.3	53.4	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7
≥ 9000	46.3	51.7	52.6	53.0	53.7	53.8	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0
≥ 8000	47.7	53.7	54.6	55.1	55.7	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 7000	48.5	54.6	55.9	56.3	57.0	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4
≥ 6000	48.9	55.1	56.3	56.8	57.4	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9
≥ 5000	50.5	57.4	59.0	59.5	60.1	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 4500	51.5	58.4	60.0	60.5	61.1	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 4000	52.7	59.9	61.5	62.0	62.6	62.8	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
≥ 3500	54.3	61.7	63.3	63.8	64.4	64.6	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0
≥ 3000	56.6	64.1	65.7	66.2	67.0	67.3	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8
≥ 2500	60.6	68.7	70.4	70.9	71.6	72.0	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2000	63.2	71.8	73.7	74.4	75.1	75.7	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1800	63.7	72.6	74.4	75.2	76.0	76.6	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1500	64.9	74.3	76.2	77.2	78.3	79.1	79.9	80.0	80.0	80.0	80.2	80.2	80.5	80.5	80.5	80.5
≥ 1200	66.0	75.9	78.5	79.6	80.9	81.7	82.4	82.7	82.7	82.7	83.0	83.0	83.3	83.3	83.3	83.3
≥ 1000	66.7	77.1	80.1	82.2	83.8	85.2	86.7	87.4	87.4	87.4	87.9	88.4	88.4	88.7	88.7	88.7
≥ 900	67.1	77.4	80.7	83.2	84.9	86.8	88.3	89.0	89.0	89.0	89.8	90.4	90.4	90.6	90.6	90.6
≥ 800	67.2	77.9	81.8	84.6	86.3	88.7	90.4	91.5	91.5	92.2	93.3	93.3	93.7	93.7	93.7	93.7
≥ 700	67.2	77.9	82.1	84.9	86.7	89.0	90.9	92.0	92.0	92.8	94.0	94.0	94.4	94.4	94.4	94.4
≥ 600	67.2	77.9	82.1	84.9	86.7	89.0	91.1	92.3	92.3	93.2	94.4	94.4	95.1	95.1	95.1	95.1
≥ 500	67.2	77.9	82.1	84.9	86.8	89.3	92.1	93.4	93.4	94.9	96.3	96.3	97.1	97.1	97.1	97.1
≥ 400	67.2	77.9	82.1	84.9	86.8	89.3	92.1	93.4	93.4	95.2	96.8	96.8	98.3	98.3	98.4	98.4
≥ 300	67.2	77.9	82.1	84.9	86.8	89.3	92.1	93.4	93.4	95.4	97.1	97.1	98.9	98.9	99.1	99.4
≥ 200	67.2	77.9	82.1	84.9	86.8	89.3	92.2	93.5	93.5	95.5	97.2	97.2	99.1	99.1	99.5	99.9
≥ 100	67.2	77.9	82.1	84.9	86.8	89.3	92.2	93.5	93.5	95.5	97.2	97.2	99.1	99.1	99.5	100.0
≥ 0	67.2	77.9	82.1	84.9	86.8	89.3	92.2	93.5	93.5	95.5	97.2	97.2	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 820



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01	≥ 0
NO CEILING	43.6	45.3	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	48.6	50.4	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	48.6	50.4	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 16000	48.6	50.4	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 14000	49.0	50.9	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 12000	49.7	51.6	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 10000	51.8	54.7	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 9000	52.6	55.6	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 8000	53.1	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 7000	53.2	56.2	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 6000	54.3	57.3	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 5000	56.5	60.2	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4500	56.8	60.4	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 4000	58.7	62.5	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3500	60.1	64.1	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3000	64.8	68.9	69.7	70.3	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 2500	68.9	73.4	74.2	74.8	75.1	75.2	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2000	72.2	76.7	77.7	78.5	78.9	79.0	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	72.9	77.4	78.4	79.2	79.6	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1500	74.4	79.1	80.1	81.2	81.7	82.1	82.2	82.4	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1200	75.2	80.6	82.4	83.8	84.6	85.1	85.2	85.7	85.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1000	76.6	82.8	85.3	87.4	88.4	89.1	89.7	90.2	90.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	76.8	83.0	85.6	87.8	89.0	89.7	90.7	91.2	91.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	76.9	83.3	86.2	88.8	90.2	91.8	92.9	93.5	93.5	95.1	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	76.9	83.3	86.2	88.9	90.5	92.1	93.2	93.8	93.8	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	76.9	83.3	86.2	88.9	90.7	92.4	93.5	94.3	94.3	96.2	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	76.9	83.3	86.2	88.9	90.7	92.6	94.0	95.0	95.0	97.3	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	76.9	83.3	86.2	88.9	90.7	92.6	94.0	95.2	95.2	97.6	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	76.9	83.3	86.2	88.9	90.7	92.7	94.1	95.5	95.5	97.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	76.9	83.3	86.2	88.9	90.7	92.7	94.1	95.5	95.5	97.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	76.9	83.3	86.2	88.9	90.7	92.7	94.1	95.5	95.5	97.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	76.9	83.3	86.2	88.9	90.7	92.7	94.1	95.5	95.5	97.8	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 819



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	45.4	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	50.5	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000	50.5	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	50.6	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14000	50.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	51.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000	54.1	56.2	56.4	56.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	54.3	56.3	56.6	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	55.5	57.7	58.0	58.0	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 7000	55.8	58.0	58.5	58.5	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 6000	56.8	59.0	59.5	59.5	59.6	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	58.5	60.9	61.4	61.4	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500	59.9	62.3	62.8	62.8	62.9	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4000	62.4	64.8	65.6	65.9	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3500	64.1	66.9	67.9	68.2	68.4	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3000	67.0	70.6	71.8	72.1	72.3	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2500	69.7	73.4	74.6	74.9	75.1	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 2000	74.0	78.7	80.0	80.4	80.7	81.1	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1800	74.6	79.3	80.7	81.0	81.3	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1500	75.8	80.7	82.6	83.1	83.6	84.1	84.4	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	76.4	81.6	83.7	84.3	85.0	86.0	86.7	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	76.6	82.7	84.9	86.4	87.3	88.6	89.3	89.9	90.0	90.3	90.5	90.5	90.5	90.5	90.6	90.6
≥ 900	76.8	83.2	85.4	87.1	88.3	90.0	90.8	91.7	91.8	92.2	92.5	92.5	92.5	92.5	92.6	92.6
≥ 800	77.0	83.7	86.1	87.8	89.1	91.0	92.2	93.4	93.6	94.3	94.5	94.5	94.5	94.5	94.8	94.8
≥ 700	77.0	83.7	86.3	88.2	89.4	91.4	92.7	93.9	94.0	94.9	95.1	95.1	95.1	95.1	95.4	95.4
≥ 600	77.1	83.9	86.5	88.4	90.1	92.2	93.8	95.0	95.1	96.4	96.6	96.7	96.7	96.7	97.0	97.0
≥ 500	77.1	83.9	86.6	88.6	90.3	92.3	94.3	95.5	95.5	97.3	97.9	97.9	98.3	98.3	98.5	98.7
≥ 400	77.1	83.9	86.6	88.6	90.3	92.3	94.3	95.5	95.6	97.7	98.4	98.4	98.8	98.8	99.0	99.1
≥ 300	77.1	83.9	86.6	88.6	90.3	92.3	94.3	95.5	95.6	97.7	98.5	98.5	98.9	98.9	99.1	99.3
≥ 200	77.1	83.9	86.6	88.6	90.3	92.3	94.3	95.5	95.6	97.7	98.5	98.5	99.1	99.1	99.5	99.6
≥ 100	77.1	83.9	86.6	88.6	90.3	92.3	94.3	95.5	95.6	97.7	98.5	98.5	99.1	99.1	99.5	99.9
≥ 0	77.1	83.9	86.6	88.6	90.3	92.3	94.3	95.5	95.6	97.7	98.5	98.5	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 822



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .05	≥ 0
NO CEILING ≥ 20000	44.0 48.3	45.9 50.2	46.0 50.4	46.1 50.5	46.1 50.5	46.1 50.5	46.1 50.5	46.1 50.5	46.1 50.5	46.1 50.5	46.1 50.5	46.1 50.5	46.1 50.5	46.1 50.5	46.1 50.5	46.1 50.5
IV 18000	48.3	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 16000	48.3	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 14000	48.8	50.7	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 12000	49.6	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 10000	53.4	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 9000	53.5	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 8000	54.7	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 7000	55.1	57.9	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 6000	55.8	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 5000	57.8	61.1	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 4500	59.2	62.5	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 4000	60.2	63.9	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 3500	62.0	66.2	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 3000	65.3	70.3	71.2	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 2500	67.9	73.6	74.6	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 2000	72.7	79.3	80.9	81.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 1800	73.6	80.3	82.0	82.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 1500	74.2	82.0	84.3	85.0	86.6	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1200	74.6	82.7	85.4	86.5	88.4	88.6	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1000	74.7	83.0	85.8	87.1	89.3	89.8	91.2	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 900	74.7	83.0	85.8	87.2	89.5	90.1	91.6	91.7	91.7	92.6	92.7	92.7	92.7	92.7	92.7	92.7
IV 800	74.7	83.0	85.8	87.2	89.8	90.5	92.3	92.5	92.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9
IV 700	74.8	83.1	86.0	87.6	90.1	91.2	93.2	93.4	93.4	94.8	95.0	95.0	95.0	95.0	95.0	95.0
IV 600	74.8	83.2	86.1	87.7	90.3	91.5	93.6	93.9	93.9	95.4	95.6	95.6	95.6	95.6	95.6	95.7
IV 500	74.9	83.3	86.6	88.2	90.8	92.1	94.8	95.5	95.5	97.2	97.8	97.8	97.8	97.8	97.8	97.9
IV 400	74.9	83.3	86.6	88.2	90.8	92.1	94.8	95.5	95.5	97.2	97.9	97.9	97.9	97.9	97.9	98.1
IV 300	74.9	83.3	86.6	88.2	90.8	92.1	94.8	95.5	95.5	97.3	98.2	98.2	98.3	98.3	98.4	98.7
IV 200	74.9	83.3	86.6	88.2	90.8	92.1	94.8	95.5	95.5	97.4	98.3	98.3	98.7	98.7	98.9	99.5
IV 100	74.9	83.3	86.6	88.2	90.8	92.1	94.8	95.5	95.5	97.4	98.3	98.3	98.7	98.7	99.0	99.6
IV 0	74.9	83.3	86.6	88.2	90.8	92.1	94.8	95.5	95.5	97.4	98.3	98.3	98.7	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 822



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS, LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	45.1	46.4	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.3	47.3	47.3	47.3
≥ 20000	46.9	48.3	48.6	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1
≥ 18000	46.9	48.3	48.6	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1
≥ 16000	46.9	48.3	48.6	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1
≥ 14000	47.7	49.0	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9
≥ 12000	47.9	49.3	49.6	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1
≥ 10000	51.7	53.6	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4
≥ 9000	51.8	53.7	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.6	54.6	54.6	54.6
≥ 8000	53.4	55.3	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.2	56.2	56.2	56.3	56.3	56.3	56.3
≥ 7000	53.8	55.8	56.2	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9
≥ 6000	55.7	57.6	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7
≥ 5000	58.4	60.3	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.5	61.5	61.5	61.5
≥ 4500	59.7	61.7	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8
≥ 4000	62.2	64.3	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.4
≥ 3500	63.7	66.0	66.4	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1
≥ 3000	68.2	71.2	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3
≥ 2500	72.2	75.2	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.5
≥ 2000	74.0	78.2	79.2	79.9	80.3	80.5	80.5	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3
≥ 1800	74.6	78.9	80.2	81.2	81.5	81.8	81.8	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 1500	75.9	81.2	82.9	83.9	84.2	84.5	84.5	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 1200	76.4	82.4	84.2	86.0	86.5	86.7	86.8	87.8	87.8	87.9	87.9	87.9	88.1	88.1	88.1	88.1
≥ 1000	76.8	83.3	85.5	87.3	88.4	88.9	89.9	91.0	91.0	91.6	91.7	91.7	91.9	91.9	91.9	91.9
≥ 900	76.8	83.5	85.8	87.7	89.4	89.9	91.0	92.1	92.1	92.9	93.0	93.0	93.2	93.2	93.2	93.2
≥ 800	76.8	83.5	86.1	88.2	90.5	91.0	92.2	93.3	93.3	94.2	94.5	94.5	94.7	94.7	94.7	94.7
≥ 700	76.8	83.5	86.3	88.4	90.9	91.4	92.6	93.8	93.8	95.1	95.3	95.3	95.7	95.7	95.7	95.7
≥ 600	76.8	83.5	86.5	88.5	91.1	91.6	93.1	94.5	94.5	95.7	95.9	95.9	96.3	96.3	96.3	96.3
≥ 500	76.8	83.5	86.6	88.7	91.3	91.7	93.7	95.1	95.1	96.4	97.0	97.0	97.9	97.9	97.9	97.9
≥ 400	76.8	83.5	86.6	88.7	91.3	91.7	93.8	95.2	95.2	96.6	97.2	97.2	98.2	98.2	98.2	98.2
≥ 300	76.8	83.5	86.6	88.7	91.3	91.7	93.8	95.2	95.2	96.6	97.3	97.3	98.3	98.3	98.3	98.4
≥ 200	76.8	83.5	86.6	88.7	91.4	91.9	94.0	95.4	95.4	96.8	97.5	97.5	98.5	98.5	98.5	98.5
≥ 100	76.8	83.5	86.6	88.7	91.4	91.9	94.0	95.4	95.4	96.8	97.5	97.5	98.6	98.6	98.6	98.6
≥ 0	76.8	83.5	86.6	88.7	91.4	91.9	94.0	95.4	95.4	96.8	97.5	97.5	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	42.5	44.9	45.3	45.6	45.9	45.9	46.1	46.1	46.1	46.2	46.3	46.3	46.3	46.3	46.4	46.4
≥ 20000	45.5	48.3	48.8	49.1	49.4	49.5	49.6	49.6	49.6	49.7	49.8	49.8	49.8	49.8	49.9	49.9
≥ 18000	45.6	48.3	48.8	49.2	49.5	49.5	49.6	49.6	49.6	49.7	49.8	49.8	49.8	49.9	49.9	49.9
≥ 16000	45.6	48.3	48.8	49.2	49.5	49.5	49.6	49.6	49.6	49.7	49.8	49.8	49.8	49.9	49.9	49.9
≥ 14000	46.1	49.0	49.5	49.8	50.1	50.1	50.3	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.6	50.6
≥ 12000	46.9	49.8	50.3	50.6	50.9	51.0	51.1	51.1	51.1	51.2	51.3	51.3	51.3	51.3	51.4	51.4
≥ 10000	50.1	53.4	53.9	54.3	54.6	54.7	54.8	54.8	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.1
≥ 9000	50.6	53.9	54.4	54.8	55.1	55.2	55.3	55.3	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6
≥ 8000	51.9	55.4	56.0	56.5	56.8	56.9	57.0	57.0	57.0	57.1	57.2	57.2	57.2	57.3	57.3	57.3
≥ 7000	52.5	56.1	56.8	57.2	57.6	57.7	57.8	57.8	57.8	57.9	58.0	58.0	58.0	58.1	58.1	58.1
≥ 6000	53.2	57.0	57.7	58.2	58.5	58.6	58.7	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.1
≥ 5000	54.8	58.9	59.7	60.2	60.6	60.8	60.9	60.9	60.9	61.0	61.1	61.1	61.1	61.2	61.2	61.2
≥ 4500	55.7	59.8	60.6	61.1	61.5	61.6	61.8	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.1	62.1
≥ 4000	57.4	61.8	62.7	63.2	63.6	63.8	63.9	63.9	63.9	64.1	64.1	64.1	64.2	64.2	64.3	64.3
≥ 3500	59.0	63.6	64.5	65.1	65.5	65.7	65.8	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.2
≥ 3000	62.2	67.2	68.4	69.0	69.5	69.7	69.9	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 2500	65.3	70.8	72.0	72.7	73.2	73.5	73.7	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.1	74.1
≥ 2000	68.7	74.7	76.4	77.2	78.0	78.4	78.7	78.8	78.8	79.0	79.1	79.1	79.1	79.1	79.2	79.2
≥ 1800	69.4	75.7	77.5	78.3	79.1	79.5	79.8	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.3	80.3
≥ 1500	70.4	77.1	79.3	80.2	81.2	81.7	82.1	82.4	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.9
≥ 1200	71.0	78.2	80.9	82.1	83.4	84.0	84.5	84.9	84.9	85.2	85.4	85.4	85.4	85.5	85.5	85.5
≥ 1000	71.5	79.4	82.5	84.4	86.4	87.2	88.3	88.9	88.9	89.6	89.8	89.8	89.9	89.9	90.0	90.0
≥ 900	71.6	79.7	82.9	84.9	87.2	88.3	89.6	90.2	90.3	91.1	91.4	91.4	91.4	91.5	91.5	91.5
≥ 800	71.7	79.9	83.3	85.6	88.4	89.7	91.3	92.1	92.1	93.2	93.6	93.6	93.7	93.7	93.8	93.8
≥ 700	71.7	80.0	83.4	85.8	88.7	90.1	91.8	92.6	92.6	93.9	94.3	94.3	94.4	94.5	94.5	94.5
≥ 600	71.7	80.0	83.5	85.9	88.9	90.4	92.2	93.3	93.3	94.7	95.2	95.2	95.4	95.4	95.5	95.5
≥ 500	71.7	80.0	83.6	86.0	89.1	90.6	92.9	94.1	94.2	96.0	96.8	96.8	97.2	97.2	97.3	97.3
≥ 400	71.7	80.0	83.6	86.1	89.1	90.7	93.1	94.4	94.4	96.4	97.3	97.3	97.8	97.8	97.9	98.0
≥ 300	71.7	80.0	83.6	86.1	89.1	90.7	93.1	94.4	94.4	96.6	97.6	97.6	98.2	98.2	98.4	98.6
≥ 200	71.7	80.0	83.6	86.1	89.1	90.7	93.2	94.5	94.5	96.6	97.6	97.6	98.4	98.5	98.9	99.2
≥ 100	71.7	80.0	83.6	86.1	89.1	90.7	93.2	94.5	94.5	96.6	97.6	97.6	98.5	98.6	99.0	99.6
≥ 0	71.7	80.1	83.6	86.1	89.2	90.7	93.2	94.5	94.5	96.7	97.7	97.7	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6599



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LT)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING ≥ 20000	49.0 51.1	51.0 54.2	51.0 54.3	51.3 54.6	51.3 54.6	51.3 54.6	51.3 54.6	51.3 54.6	51.3 54.6	51.3 54.6	51.3 54.6	51.3 54.6	51.3 54.6	51.3 54.6	51.3 54.6	51.3 54.6
IV 18000	51.1	54.2	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 16000	51.1	54.2	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 14000	51.3	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 12000	51.8	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 10000	57.0	60.6	60.7	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 9000	57.4	60.9	61.1	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 8000	60.1	63.9	64.0	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 7000	62.1	66.5	66.7	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 6000	64.0	68.8	69.0	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 5000	65.5	70.7	70.9	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 4500	66.3	72.0	72.1	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 4000	68.4	74.8	74.9	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 3500	70.1	76.6	76.7	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 3000	72.6	79.4	79.5	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 2500	75.2	82.1	82.2	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 2000	77.5	85.1	85.6	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1800	78.0	85.8	86.5	86.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 1500	78.4	86.9	87.8	88.3	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1200	79.4	88.8	90.6	91.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1000	79.8	89.9	92.5	93.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 900	79.9	90.1	93.3	94.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 800	80.2	90.6	93.8	94.8	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	80.2	90.6	93.8	95.2	97.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	80.2	90.6	93.8	95.3	98.0	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	80.2	90.6	93.8	95.3	98.1	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	80.2	90.6	93.8	95.3	98.1	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	80.2	90.6	93.8	95.3	98.1	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	80.2	90.6	93.8	95.3	98.1	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 100	80.2	90.6	93.8	95.3	98.1	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 0	80.2	90.6	93.8	95.3	98.1	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 784



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430 LA CROSSE MAP, WI

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING ≥ 20000	46.5 47.9	48.7 50.3	49.2 50.8	49.6 51.2	49.7 51.3	49.8 51.5	49.8 51.5	49.9 51.6	49.9 51.6	49.9 51.6	49.9 51.6	49.9 51.6	49.9 51.6	49.9 51.6	50.1 51.7	50.1 51.7
IV 18000 IV 16000	48.0 48.0	50.4 50.4	51.0 51.0	51.3 51.3	51.5 51.5	51.6 51.6	51.6 51.6	51.7 51.7	51.7 51.7	51.7 51.7	51.7 51.7	51.7 51.7	51.7 51.7	51.7 51.7	51.9 51.9	51.9 51.9
IV 14000 IV 12000	48.1 48.4	50.6 50.8	51.1 51.3	51.5 51.7	51.6 51.9	51.7 52.0	51.7 52.0	51.9 52.1	51.9 52.1	51.9 52.1	51.9 52.1	51.9 52.1	51.9 52.1	51.9 52.1	52.0 52.2	52.0 52.2
IV 10000 IV 9000	52.7 54.0	55.6 57.0	56.1 57.6	56.4 58.1	56.6 58.2	56.7 58.4	56.7 58.4	56.8 58.5	56.8 58.5	56.8 58.5	56.8 58.5	56.8 58.5	56.8 58.5	56.8 58.5	57.0 58.6	57.0 58.6
IV 8000 IV 7000	57.0 58.7	60.3 62.6	60.9 63.2	61.4 63.7	61.6 63.9	61.7 64.0	61.7 64.0	61.8 64.1	61.8 64.1	61.8 64.1	61.8 64.1	61.8 64.1	61.8 64.1	61.8 64.1	61.9 64.2	61.9 64.2
IV 6000 IV 5000	59.8 63.0	63.9 67.3	64.6 68.2	65.3 69.0	65.4 69.1	65.5 69.2	65.5 69.2	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.6 69.3	65.8 69.5	65.8 69.5
IV 4500 IV 4000	63.1 64.8	67.4 69.2	68.3 70.1	69.1 70.9	69.2 71.0	69.3 71.1	69.3 71.1	69.5 71.3	69.5 71.3	69.5 71.3	69.5 71.3	69.5 71.3	69.5 71.3	69.5 71.3	69.6 71.4	69.6 71.4
IV 3500 IV 3000	67.4 69.3	72.2 74.5	73.3 75.7	74.1 76.5	74.3 76.8	74.5 76.9	74.5 76.9	74.6 77.0	74.6 77.0	74.6 77.0	74.6 77.0	74.6 77.0	74.6 77.0	74.6 77.0	74.7 77.1	74.7 77.1
IV 2500 IV 2000	71.1 72.9	76.5 78.7	78.0 80.8	78.8 82.0	79.2 82.5	79.3 82.6	79.3 82.6	79.4 82.8	79.4 82.8	79.4 82.8	79.4 82.8	79.4 82.8	79.4 82.8	79.4 82.8	79.6 82.9	79.6 82.9
IV 1800 IV 1500	73.6 74.7	79.4 81.1	81.9 83.7	83.1 84.9	83.7 85.8	83.8 86.0	83.8 86.0	83.9 86.1	83.9 86.1	83.9 86.1	83.9 86.1	83.9 86.1	83.9 86.1	83.9 86.1	84.0 86.2	84.0 86.2
IV 1200 IV 1000	75.5 76.4	83.5 85.4	86.7 89.5	88.1 91.3	89.3 93.4	89.4 93.5	89.4 93.7	89.5 93.9	89.5 93.9	89.5 93.9	89.5 93.9	89.5 93.9	89.5 93.9	89.5 93.9	89.7 94.0	89.7 94.0
IV 900 IV 800	76.4 76.4	85.6 85.7	89.7 90.0	91.8 92.2	93.9 94.4	94.2 94.8	94.6 95.8	94.9 96.2	94.9 96.2	94.9 96.2	94.9 96.2	94.9 96.2	94.9 96.2	94.9 96.2	95.0 96.3	95.0 96.3
IV 700 IV 600	76.4 76.4	86.0 86.0	90.4 90.4	93.1 93.2	95.3 95.9	95.9 96.6	97.1 98.0	97.4 98.5	97.4 98.5	97.4 98.5	97.4 98.5	97.4 98.5	97.4 98.5	97.4 98.5	97.6 98.6	97.6 98.6
IV 500 IV 400	76.4 76.4	86.0 86.0	90.4 90.4	93.4 93.4	96.6 96.6	97.2 97.2	98.7 98.7	99.2 99.2	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.9 99.9	99.9 99.9
IV 300 IV 200	76.4 76.4	86.0 86.0	90.4 90.4	93.4 93.4	96.6 96.6	97.2 97.2	98.7 98.7	99.2 99.2	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	100.0 100.0	100.0 100.0
IV 100 IV 0	76.4 76.4	86.0 86.0	90.4 90.4	93.4 93.4	96.6 96.6	97.2 97.2	98.7 98.7	99.2 99.2	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 783



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0000  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	39.5	41.9	42.5	43.2	43.3	43.5	44.0	44.2	44.2	44.4	44.4	44.4	44.4	44.5	44.5	44.5
≥ 20000	44.4	47.3	48.1	48.7	48.8	49.1	49.6	49.7	49.7	49.9	49.9	49.9	49.9	50.1	50.1	50.1
IV 18000	44.5	47.4	48.2	48.8	48.9	49.2	49.7	49.8	49.8	50.1	50.1	50.1	50.1	50.2	50.2	50.2
IV 16000	44.5	47.4	48.2	48.8	48.9	49.2	49.7	49.8	49.8	50.1	50.1	50.1	50.1	50.2	50.2	50.2
IV 14000	44.9	47.9	48.7	49.3	49.4	49.7	50.2	50.3	50.3	50.6	50.6	50.6	50.6	50.7	50.7	50.7
IV 12000	45.7	48.7	49.4	50.1	50.2	50.4	50.9	51.1	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.4
IV 10000	49.4	52.6	53.6	54.3	54.5	54.7	55.2	55.3	55.3	55.6	55.6	55.6	55.6	55.7	55.7	55.7
IV 9000	50.1	53.6	54.7	55.5	55.6	55.8	56.3	56.5	56.5	56.7	56.7	56.7	56.7	56.8	56.8	56.8
IV 8000	52.4	56.7	57.8	58.6	58.7	59.0	59.5	59.6	59.6	59.8	59.8	59.8	59.8	60.0	60.0	60.0
IV 7000	54.3	58.6	59.7	60.5	60.7	61.0	61.5	61.6	61.6	61.9	61.9	61.9	61.9	62.0	62.0	62.0
IV 6000	55.5	60.2	61.4	62.1	62.4	62.6	63.1	63.2	63.2	63.5	63.5	63.5	63.5	63.6	63.6	63.6
IV 5000	58.0	63.5	64.9	65.6	65.9	66.1	66.6	66.8	66.8	67.0	67.0	67.0	67.0	67.1	67.1	67.1
IV 4500	58.0	63.5	64.9	65.6	65.9	66.1	66.6	66.8	66.8	67.0	67.0	67.0	67.0	67.1	67.1	67.1
IV 4000	60.0	65.9	67.3	68.0	68.4	68.9	69.4	69.5	69.5	69.8	69.8	69.8	69.8	69.9	69.9	69.9
IV 3500	61.1	67.3	68.8	69.8	70.1	70.6	71.1	71.3	71.3	71.5	71.5	71.5	71.5	71.6	71.6	71.6
IV 3000	62.4	68.6	70.3	71.3	71.6	72.1	72.6	72.8	72.8	73.0	73.0	73.0	73.0	73.1	73.1	73.1
IV 2500	63.4	70.0	72.0	73.0	73.5	74.0	74.5	74.7	74.7	74.9	74.9	74.9	74.9	75.0	75.0	75.0
IV 2000	64.5	73.3	75.4	76.7	77.2	77.8	78.3	78.4	78.4	78.7	78.7	78.7	78.7	78.8	78.8	78.8
IV 1800	66.6	73.4	75.5	76.8	77.3	77.9	78.4	78.5	78.5	78.8	78.8	78.8	78.8	78.9	78.9	78.9
IV 1500	68.3	75.9	78.3	79.8	80.6	81.2	81.8	82.1	82.1	82.4	82.4	82.4	82.4	82.6	82.6	82.6
IV 1200	68.8	77.2	80.2	81.8	82.7	83.3	84.1	84.3	84.3	84.7	84.7	84.7	84.7	84.8	84.8	84.8
IV 1000	71.4	80.7	84.1	86.2	87.3	88.2	89.6	90.0	90.0	90.5	90.5	90.5	90.5	90.6	90.6	90.6
IV 900	71.5	80.8	84.3	86.4	87.6	88.5	89.8	90.6	90.6	91.1	91.2	91.2	91.2	91.3	91.3	91.3
IV 800	71.9	81.3	85.1	87.5	89.0	90.3	92.1	93.4	93.4	94.1	94.2	94.2	94.2	94.4	94.4	94.5
IV 700	72.1	81.8	85.7	88.3	89.8	91.3	93.4	94.6	94.6	95.6	95.7	95.7	95.7	96.0	96.0	96.1
IV 600	72.1	81.9	85.8	88.5	90.1	91.6	93.9	95.4	95.4	96.5	96.9	96.9	96.9	97.2	97.2	97.4
IV 500	72.1	82.1	86.1	88.7	90.5	92.2	94.5	96.1	96.1	97.2	98.1	98.1	98.1	99.0	99.0	99.4
IV 400	72.1	82.1	86.1	88.7	90.5	92.2	94.5	96.2	96.2	97.4	98.2	98.2	98.2	99.1	99.1	99.5
IV 300	72.1	82.1	86.1	88.7	90.5	92.2	94.5	96.2	96.2	97.5	98.7	98.7	98.7	99.6	99.6	100.0
IV 200	72.1	82.1	86.1	88.7	90.5	92.2	94.5	96.2	96.2	97.5	98.7	98.7	98.7	99.6	99.6	100.0
IV 100	72.1	82.1	86.1	88.7	90.5	92.2	94.5	96.2	96.2	97.5	98.7	98.7	98.7	99.6	99.6	100.0
IV 0	72.1	82.1	86.1	88.7	90.5	92.2	94.5	96.2	96.2	97.5	98.7	98.7	98.7	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 797



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	41.2	43.5	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000	45.6	48.3	48.5	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 18000	45.6	48.3	48.5	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 16000	45.6	48.3	48.5	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 14000	46.8	49.6	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 12000	47.4	50.2	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 10000	49.8	52.6	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 9000	49.8	52.8	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 8000	52.0	55.5	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 7000	53.2	56.7	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 6000	54.0	57.6	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 5000	55.7	60.2	60.8	61.2	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 4500	56.1	60.7	61.3	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 4000	58.4	63.3	64.1	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 3500	60.3	65.3	66.1	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 3000	62.8	68.1	68.9	69.5	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 2500	66.7	72.1	72.9	73.5	73.9	73.9	73.9	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 2000	70.7	76.9	77.7	78.3	78.7	78.7	78.7	78.8	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 1800	71.5	77.7	78.4	79.1	79.4	79.4	79.4	79.6	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 1500	74.8	81.3	82.2	83.4	83.7	83.7	83.9	84.0	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 1200	76.9	84.7	85.9	87.3	87.9	87.9	88.0	88.1	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1000	78.1	86.5	87.8	89.2	89.9	89.9	90.7	90.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 900	78.3	86.9	88.3	89.8	90.8	91.3	92.3	92.8	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 800	78.9	88.3	89.8	91.4	93.1	93.7	95.0	95.6	95.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
IV 700	78.9	88.5	89.9	91.8	93.6	94.5	95.8	96.5	96.5	97.6	97.9	97.9	98.0	98.0	98.0	98.0
IV 600	78.9	88.5	90.0	92.2	94.1	95.0	96.7	97.4	97.4	98.7	99.0	99.0	99.1	99.1	99.1	99.1
IV 500	78.9	88.5	90.0	92.2	94.1	95.0	96.7	97.5	97.5	99.1	99.5	99.5	99.6	99.6	99.6	99.6
IV 400	78.9	88.5	90.0	92.2	94.1	95.0	96.7	97.5	97.5	99.1	99.6	99.6	99.7	99.7	99.7	99.7
IV 300	78.9	88.5	90.0	92.2	94.1	95.0	96.7	97.5	97.5	99.1	99.6	99.6	99.9	99.9	99.9	99.9
IV 200	78.9	88.5	90.0	92.2	94.1	95.0	96.7	97.5	97.5	99.1	99.6	99.6	99.9	99.9	99.9	99.9
IV 100	78.9	88.5	90.0	92.2	94.1	95.0	96.7	97.5	97.5	99.1	99.6	99.6	99.9	99.9	99.9	99.9
IV 0	78.9	88.7	90.2	92.3	94.2	95.1	96.8	97.6	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 793



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	40.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	47.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 18000	47.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	47.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 14000	48.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 12000	49.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000	51.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000	51.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 8000	53.0	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 7000	54.3	56.5	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 6000	55.9	58.1	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 5000	58.9	61.4	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500	59.7	62.3	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 4000	63.4	66.2	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 3500	65.3	68.1	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3000	68.6	72.0	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2500	72.3	76.1	76.5	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2000	78.2	82.8	83.2	83.5	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	78.6	83.3	83.7	84.1	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1500	81.4	87.0	87.8	88.4	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	83.4	89.4	90.5	91.6	92.2	92.3	92.7	92.8	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	84.1	90.5	91.6	92.8	93.7	93.9	94.4	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	84.3	90.8	91.9	93.2	94.1	94.3	94.8	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	84.3	91.1	92.3	93.8	94.8	95.3	96.3	96.6	96.6	97.1	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	84.3	91.3	92.4	93.9	95.1	95.7	96.7	97.1	97.1	97.6	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	84.3	91.5	92.8	94.3	95.6	96.2	97.2	97.7	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	84.3	91.5	92.8	94.3	95.7	96.3	97.3	98.0	98.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	84.3	91.5	92.8	94.6	95.9	96.6	97.6	98.2	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	84.3	91.5	92.8	94.6	95.9	96.6	97.6	98.2	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	84.3	91.5	92.8	94.6	95.9	96.6	97.6	98.2	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	84.3	91.5	92.8	94.6	95.9	96.6	97.6	98.2	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	84.3	91.5	92.8	94.6	95.9	96.6	97.6	98.2	98.2	99.1	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 790

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



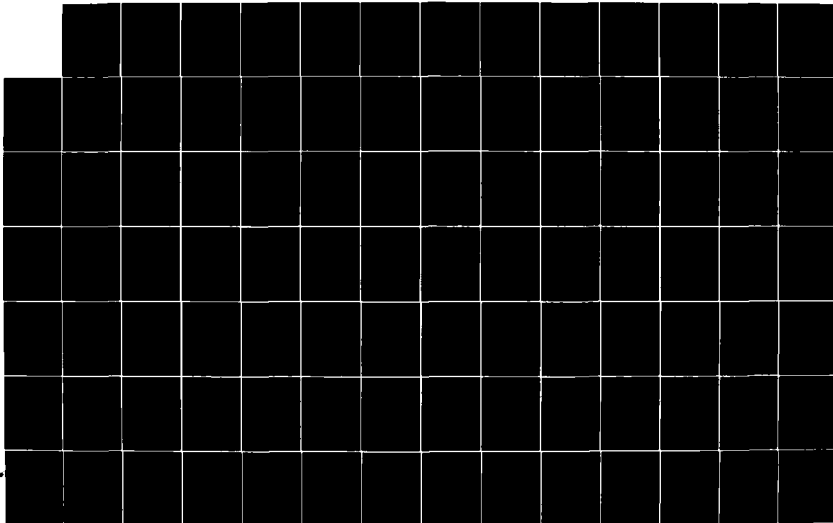
AD-A122 713

LA CROSSE MAP WISCONSIN REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERV..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. 30 JUL 82  
USAFETAC/DS-82/047 SBI-AD-E880 208 F/O 4/2

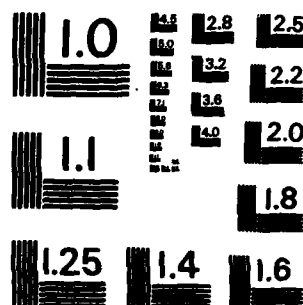
3/6

UNCLASSIFIED

NL







MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72643C LA CROSSE MAP, WI

73-81

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	40.1	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	45.1	45.5	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 18000	45.3	45.6	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 16000	45.3	45.6	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 14000	46.1	46.5	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 12000	47.0	47.4	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 10000	50.1	50.9	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 9000	50.6	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 8000	53.7	55.0	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 7000	56.5	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 6000	59.2	60.4	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 5000	62.7	64.5	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 4500	64.3	66.1	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 4000	68.3	70.4	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 3500	71.3	73.5	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 3000	74.5	77.6	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 2500	78.4	81.8	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2000	81.5	86.2	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1800	81.9	87.0	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1500	84.2	89.3	90.6	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1200	84.5	90.0	91.8	92.4	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1000	86.0	91.8	93.8	94.4	94.7	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
IV 900	86.0	92.0	94.2	95.1	95.3	95.6	95.7	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1
IV 800	86.0	92.5	94.8	95.7	96.1	96.3	96.8	97.0	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6
IV 700	86.0	92.7	95.3	96.2	96.6	96.8	97.5	97.6	97.6	97.9	98.2	98.2	98.6	98.6	98.6	98.6
IV 600	86.0	92.8	95.4	96.3	96.7	97.0	97.6	97.7	97.7	98.4	98.7	98.7	99.2	99.2	99.2	99.2
IV 500	86.0	92.8	95.6	96.8	97.0	97.2	97.9	98.1	98.1	98.7	99.1	99.1	99.6	99.6	99.6	99.6
IV 400	86.0	92.8	95.6	96.6	97.1	97.3	98.1	98.5	98.5	99.1	99.5	99.5	100.0	100.0	100.0	100.0
IV 300	86.0	92.8	95.6	96.6	97.1	97.3	98.1	98.5	98.5	99.1	99.5	99.5	100.0	100.0	100.0	100.0
IV 200	86.0	92.8	95.6	96.6	97.1	97.3	98.1	98.5	98.5	99.1	99.5	99.5	100.0	100.0	100.0	100.0
IV 100	86.0	92.8	95.6	96.6	97.1	97.3	98.1	98.5	98.5	99.1	99.5	99.5	100.0	100.0	100.0	100.0
IV 0	86.0	92.8	95.6	96.6	97.1	97.3	98.1	98.5	98.5	99.1	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ASR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
DATE

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	44.7	45.2	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	49.0	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 18000	49.4	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 16000	49.4	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 14000	49.7	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 12000	50.3	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 10000	54.3	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 9000	54.9	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 8000	56.7	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 7000	60.4	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 6000	62.5	63.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 5000	66.5	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 4500	67.5	69.0	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 4000	70.0	72.0	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 3500	72.0	74.2	74.7	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 3000	75.2	78.3	79.8	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 2500	77.9	81.2	82.8	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 2000	79.2	82.7	84.4	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1800	79.4	83.0	84.8	85.1	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1500	81.6	85.8	87.7	88.2	88.3	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 1200	82.1	87.2	89.2	89.8	90.3	91.1	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
IV 1000	83.4	88.9	91.6	92.2	93.3	94.2	94.8	94.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2
IV 900	83.4	89.2	92.0	92.6	93.6	94.7	95.3	95.4	95.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	83.5	90.0	93.0	93.6	94.7	96.1	97.0	97.2	97.2	97.3	98.0	98.0	98.1	98.1	98.1	98.1
IV 700	83.5	90.0	93.0	93.6	94.7	96.2	97.1	97.3	97.3	97.3	98.1	98.1	98.2	98.2	98.2	98.2
IV 600	83.5	90.0	93.0	93.6	94.7	96.3	97.2	97.8	97.8	97.8	98.1	98.7	98.7	98.9	98.9	98.9
IV 500	83.6	90.1	93.1	93.8	94.8	96.6	97.5	98.2	98.2	98.3	99.2	99.2	99.6	99.6	99.6	99.6
IV 400	83.6	90.1	93.1	93.8	94.8	96.6	97.5	98.5	98.5	98.7	99.3	99.3	99.9	99.9	99.9	99.9
IV 300	83.6	90.1	93.1	93.8	94.8	96.6	97.5	98.5	98.5	98.7	99.3	99.3	99.9	99.9	99.9	99.9
IV 200	83.6	90.1	93.1	93.8	94.8	96.6	97.5	98.5	98.5	98.7	99.3	99.3	99.9	99.9	99.9	99.9
IV 100	83.6	90.1	93.1	93.8	94.8	96.6	97.5	98.5	98.5	98.7	99.3	99.3	99.9	99.9	99.9	99.9
IV 0	83.6	90.1	93.1	93.8	94.8	96.6	97.5	98.5	98.5	98.7	99.3	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 787



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	47.3	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	50.4	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000	50.4	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	50.4	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	50.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 12000	51.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000	57.0	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	57.5	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000	59.9	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 7000	61.9	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000	64.6	67.9	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 5000	68.5	71.8	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	69.0	72.3	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	71.2	74.8	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	71.8	75.9	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3000	73.8	78.8	79.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	76.4	81.8	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	78.6	84.8	86.5	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	78.9	85.1	86.9	87.1	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	79.9	87.1	89.5	89.9	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	80.9	89.9	92.9	93.8	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	81.2	90.4	94.7	96.0	96.8	97.1	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	81.2	90.4	94.9	96.3	97.5	97.9	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	81.2	90.4	95.1	96.6	97.7	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	81.2	90.4	95.1	96.6	97.7	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	81.2	90.4	95.2	96.8	98.0	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	81.2	90.4	95.2	96.8	98.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	81.2	90.4	95.2	96.8	98.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	81.2	90.4	95.2	96.8	98.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	81.2	90.4	95.2	96.8	98.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	81.2	90.4	95.2	96.8	98.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	81.2	90.4	95.2	96.8	98.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 791



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	43.6	43.1	45.3	45.6	45.6	45.6	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IN 20000	47.6	49.5	49.8	50.0	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IN 18000	47.7	49.6	49.9	50.1	50.2	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IN 16000	47.7	49.6	49.9	50.1	50.2	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IN 14000	48.2	50.1	50.5	50.7	50.7	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IN 12000	49.0	50.9	51.2	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IN 10000	52.7	55.0	55.3	55.6	55.7	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IN 9000	53.1	55.6	56.0	56.3	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6
IN 8000	55.6	58.4	58.9	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IN 7000	57.7	60.7	61.1	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IN 6000	59.4	62.6	63.1	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IN 5000	62.3	65.9	66.5	66.8	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IN 4500	63.0	66.7	67.2	67.6	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0
IN 4000	65.5	69.6	70.2	70.6	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IN 3500	67.4	71.6	72.3	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IN 3000	69.9	74.6	75.6	76.1	76.3	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IN 2500	72.6	77.7	78.8	79.3	79.6	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IN 2000	75.6	81.3	82.6	83.2	83.5	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IN 1800	76.1	81.8	83.2	83.8	84.1	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6
IN 1500	77.9	84.3	85.9	86.8	87.3	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9
IN 1200	78.9	86.3	88.5	89.5	90.3	90.6	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IN 1000	80.0	88.0	90.7	91.9	93.1	93.4	93.9	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4
IN 900	80.1	88.2	91.1	92.4	93.7	94.1	94.7	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.4
IN 800	80.3	88.7	91.7	93.2	94.6	95.3	96.2	96.6	96.6	97.0	97.2	97.2	97.2	97.2	97.3	97.3
IN 700	80.3	88.9	91.9	93.6	95.1	95.8	96.9	97.3	97.3	97.7	97.9	97.9	98.1	98.1	98.1	98.1
IN 600	80.3	89.0	92.1	93.8	95.4	96.2	97.3	97.8	97.8	98.4	98.6	98.6	98.8	98.8	98.8	98.8
IN 500	80.3	89.0	92.1	93.9	95.6	96.4	97.6	98.2	98.2	98.8	99.4	99.4	99.6	99.6	99.6	99.7
IN 400	80.3	89.0	92.1	93.9	95.6	96.5	97.7	98.3	98.3	99.0	99.5	99.5	99.8	99.8	99.8	99.8
IN 300	80.3	89.0	92.1	93.9	95.6	96.5	97.7	98.3	98.3	99.0	99.6	99.6	99.9	99.9	99.9	100.0
IN 200	80.3	89.0	92.1	93.9	95.6	96.5	97.7	98.3	98.3	99.0	99.6	99.6	99.9	99.9	99.9	100.0
IN 100	80.3	89.0	92.1	93.9	95.6	96.5	97.7	98.3	98.3	99.0	99.6	99.6	99.9	99.9	99.9	100.0
IN 0	80.3	89.0	92.1	93.9	95.6	96.5	97.7	98.3	98.3	99.1	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6318



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
TIME

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.10	≥0.05	≥0.025	≥0.01
NO CEILING	58.4	61.3	61.7	62.1	62.9	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	60.3	63.5	64.0	64.3	65.2	65.2	65.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000	60.3	63.5	64.0	64.3	65.2	65.2	65.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	60.3	63.5	64.0	64.3	65.2	65.2	65.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	60.6	63.8	64.3	64.7	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	61.7	64.9	65.4	65.8	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000	66.7	70.5	71.2	71.6	72.4	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	67.8	71.6	72.3	72.7	73.6	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	69.1	72.9	73.7	74.0	74.9	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	71.2	75.2	75.9	76.3	77.1	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	73.4	77.6	78.4	78.8	79.7	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	76.0	80.4	81.2	81.7	82.5	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	77.4	81.8	82.5	83.0	83.9	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	78.5	83.4	84.1	84.7	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	79.2	84.4	85.1	85.7	87.0	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	79.5	84.9	85.7	86.6	87.9	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	80.1	85.6	86.6	87.5	88.8	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	81.3	87.3	88.3	89.3	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	81.9	87.9	89.1	90.2	91.8	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	82.2	88.6	89.7	90.8	92.7	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	82.3	89.4	91.5	92.7	95.2	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	82.4	90.2	93.0	94.3	97.4	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	82.4	90.2	93.0	94.3	97.4	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	82.4	90.3	93.1	94.6	97.9	97.9	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	82.4	90.3	93.1	94.7	98.0	98.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	82.4	90.3	93.1	94.7	98.0	98.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	82.4	90.3	93.1	94.7	98.0	98.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	82.4	90.3	93.1	94.7	98.0	98.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	82.4	90.3	93.1	94.7	98.0	98.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	82.4	90.3	93.1	94.7	98.0	98.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	82.4	90.3	93.1	94.7	98.0	98.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	82.4	90.3	93.1	94.7	98.0	98.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 811



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	49.6	52.5	54.2	55.1	55.8	55.8	56.1	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.4	56.4
≥ 20000	52.5	55.6	57.5	58.5	59.3	59.3	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9
≥ 18000	52.5	55.6	57.5	58.5	59.3	59.3	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9
≥ 16000	52.5	55.6	57.5	58.5	59.3	59.3	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9
≥ 14000	52.6	55.8	57.6	58.6	59.4	59.4	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	60.0	60.0
≥ 12000	53.4	56.9	58.7	59.7	60.5	60.5	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.2	61.2
≥ 10000	59.4	63.8	65.7	66.7	67.5	67.5	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.1	68.1
≥ 9000	60.2	64.7	66.5	67.5	68.4	68.4	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.0
≥ 8000	62.4	66.9	68.8	69.7	70.6	70.6	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.2
≥ 7000	64.6	69.4	71.2	72.2	73.0	73.0	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.7	73.7
≥ 6000	66.8	71.6	73.5	74.5	75.4	75.4	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	76.0	76.0
≥ 5000	68.6	73.5	75.7	77.0	77.8	77.8	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.4	78.4
≥ 4500	69.5	74.4	76.6	77.8	78.7	78.7	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.3	79.3
≥ 4000	71.0	76.1	78.4	79.6	80.6	80.6	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.3	81.3
≥ 3500	71.6	77.0	79.3	80.6	81.5	81.5	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1
≥ 3000	72.7	78.2	80.5	81.9	82.8	82.8	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.5	83.5
≥ 2500	73.3	78.9	81.6	83.0	83.9	83.9	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.6	84.6
≥ 2000	75.0	80.9	83.7	85.2	86.4	86.4	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	87.0	87.0
≥ 1800	75.6	81.6	84.6	86.0	87.3	87.3	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.9	87.9
≥ 1500	77.1	83.1	86.6	88.2	89.7	89.7	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3
≥ 1200	77.5	84.2	88.4	90.3	92.5	92.5	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.4	93.5	93.5
≥ 1000	77.6	84.7	89.1	91.2	93.9	93.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.2	95.2
≥ 900	77.6	84.8	89.2	91.4	94.4	94.4	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.8	96.0	96.0
≥ 800	77.6	84.8	89.3	91.5	95.1	95.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.6	96.8	96.8
≥ 700	77.6	84.8	89.3	92.0	95.6	95.6	96.9	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.5	97.5
≥ 600	77.6	84.8	89.3	92.0	95.7	95.7	97.3	97.7	97.7	97.7	97.8	97.9	97.9	98.0	98.2	98.2
≥ 500	77.6	84.9	89.6	92.2	95.8	95.8	97.6	98.2	98.2	98.2	98.3	98.4	98.4	98.5	98.7	98.7
≥ 400	77.6	84.9	89.6	92.2	95.8	95.8	97.6	98.3	98.3	98.3	98.4	98.5	98.5	98.7	98.8	98.8
≥ 300	77.6	84.9	89.6	92.2	95.8	95.8	97.9	98.4	98.4	98.4	98.5	98.7	98.7	98.8	98.9	98.9
≥ 200	77.6	84.9	89.6	92.2	95.8	95.8	97.9	98.4	98.4	98.4	98.5	98.7	98.7	98.9	99.0	99.0
≥ 100	77.6	84.9	89.6	92.2	95.8	95.8	97.9	98.4	98.4	98.4	98.5	98.7	98.7	98.9	99.0	99.0
≥ 0	77.6	84.9	89.6	92.2	95.8	95.8	97.9	98.4	98.4	98.4	98.5	98.7	98.7	98.9	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 816



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	42.3	45.2	46.4	47.8	48.5	48.9	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1
IV 20000	46.0	49.7	51.0	52.4	53.1	53.4	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7
IV 18000	46.3	50.1	51.4	52.7	53.4	53.8	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0
IV 16000	46.3	50.1	51.4	52.7	53.4	53.8	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0
IV 14000	46.7	50.4	51.7	53.1	53.8	54.2	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4
IV 12000	47.9	52.4	53.7	55.0	55.7	56.1	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3
IV 10000	52.3	57.2	58.6	60.0	60.7	61.0	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
IV 9000	52.8	57.7	59.1	60.4	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8
IV 8000	55.5	61.3	62.7	64.1	64.8	65.1	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
IV 7000	57.8	63.7	65.1	66.6	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9
IV 6000	59.8	66.3	68.2	69.6	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9
IV 5000	61.3	68.0	69.8	71.3	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7
IV 4500	61.6	68.5	70.3	71.8	72.6	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2
IV 4000	62.8	69.7	71.8	73.2	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7
IV 3500	63.1	70.1	72.1	73.6	74.4	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0
IV 3000	64.7	71.9	74.5	76.0	76.8	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4
IV 2500	66.2	73.7	76.5	77.9	78.8	79.1	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4
IV 2000	68.8	76.2	79.1	80.7	81.7	82.0	82.1	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4
IV 1800	69.0	76.5	79.4	80.9	82.0	82.4	82.5	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8
IV 1500	70.9	78.4	81.4	83.5	84.8	85.4	85.5	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9
IV 1200	72.3	80.0	83.0	85.3	86.7	87.3	87.8	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4
IV 1000	73.0	81.2	84.6	87.7	89.3	90.0	90.7	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
IV 900	73.1	81.7	85.3	88.8	90.3	91.2	92.2	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8
IV 800	73.3	82.1	86.0	90.1	92.0	93.0	94.1	94.7	94.7	94.7	95.1	95.2	95.2	95.2	95.2	95.2
IV 700	73.5	82.4	86.2	90.4	93.0	94.0	95.2	95.8	95.8	95.8	96.1	96.3	96.3	96.3	96.3	96.3
IV 600	73.5	82.6	86.5	90.8	93.2	94.2	95.9	96.5	96.5	96.5	96.9	97.0	97.0	97.0	97.0	97.0
IV 500	73.5	82.8	86.7	91.1	93.6	94.7	96.6	97.3	97.3	97.3	97.7	97.9	97.9	97.9	97.9	97.9
IV 400	73.5	82.8	86.7	91.1	93.6	94.7	97.0	97.7	97.7	97.7	98.1	98.4	98.4	98.4	98.4	98.4
IV 300	73.5	82.8	86.7	91.1	93.7	94.9	97.2	97.9	97.9	97.9	98.4	98.9	98.9	98.9	98.9	98.9
IV 200	73.5	82.8	86.7	91.1	93.7	94.9	97.2	97.9	97.9	97.9	98.4	98.9	98.9	98.9	98.9	98.9
IV 100	73.5	82.8	86.7	91.1	93.7	94.9	97.2	97.9	97.9	97.9	98.4	98.9	98.9	98.9	98.9	98.9
IV 0	73.5	82.8	86.7	91.1	93.7	94.9	97.2	97.9	97.9	97.9	98.4	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 829

USAF ETAC

FORM  
A14-5

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	44.5	48.2	49.1	49.9	50.1	50.2	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 20000	48.7	52.6	53.6	54.4	54.7	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 18000	48.8	52.7	53.8	54.5	54.9	55.1	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	48.8	52.7	53.8	54.5	54.9	55.1	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	49.5	53.5	54.6	55.4	55.7	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	50.5	54.5	55.6	56.3	56.7	56.9	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 10000	55.1	59.9	61.2	61.9	62.4	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	55.4	60.1	61.4	62.2	62.7	62.9	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	57.3	62.8	64.4	65.1	65.6	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	59.6	65.1	66.8	67.8	68.2	68.5	68.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	62.2	68.1	70.1	71.2	71.8	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	63.4	69.6	71.5	72.6	73.2	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4500	63.7	70.0	71.9	73.0	73.6	73.8	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	65.9	72.6	74.7	75.8	76.4	76.6	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	68.4	73.4	75.4	76.5	77.1	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	68.4	73.4	75.4	76.5	77.1	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	71.0	78.5	80.8	81.9	82.5	82.7	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	73.2	81.1	83.7	85.0	85.6	85.9	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	73.7	81.9	84.4	85.8	86.4	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	75.7	84.8	88.1	89.4	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	77.0	87.0	90.5	92.1	92.7	93.2	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	78.0	88.7	92.5	94.2	94.9	95.6	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	78.2	89.1	92.9	94.8	95.7	96.6	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	79.0	89.8	93.6	95.9	96.8	97.7	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	79.1	89.9	94.2	96.2	97.2	98.2	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	79.1	89.9	94.2	96.2	97.2	98.2	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	79.1	89.9	94.3	96.4	97.3	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	79.1	89.9	94.3	96.4	97.3	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	79.1	89.9	94.3	96.4	97.3	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	79.1	89.9	94.3	96.4	97.3	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	79.1	89.9	94.3	96.4	97.3	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	79.1	89.9	94.3	96.4	97.3	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 822



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MOON

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY : STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	41.7	44.1	44.4	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	48.1	50.9	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 18000	48.4	51.2	51.4	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 16000	48.4	51.2	51.4	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 14000	48.8	51.6	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 12000	50.3	53.1	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 10000	55.2	58.8	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 9000	55.3	58.9	59.2	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 8000	57.3	61.1	61.3	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 7000	58.9	62.8	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 6000	61.6	65.6	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 5000	64.6	69.1	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 4500	68.9	70.7	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 4000	70.5	75.8	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3500	72.0	77.9	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 3000	75.0	81.3	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 2500	77.7	84.6	85.6	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2000	79.6	87.3	88.8	89.3	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1800	80.2	88.1	89.8	90.3	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1500	82.8	91.3	93.3	93.8	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1200	84.2	93.8	95.6	96.1	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000	84.7	93.9	96.1	96.6	97.2	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
IV 900	84.8	94.2	96.4	96.8	97.5	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
IV 800	84.8	94.3	96.5	97.0	97.6	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7
IV 700	84.8	94.5	96.7	97.3	97.9	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 600	84.8	94.5	96.7	97.3	97.9	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 500	84.8	94.5	96.7	97.3	97.9	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 400	84.8	94.5	96.7	97.3	97.9	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 300	84.8	94.5	96.7	97.3	97.9	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 200	84.8	94.5	96.7	97.3	97.9	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 100	84.8	94.5	96.7	97.3	97.9	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 0	84.8	94.5	96.7	97.3	97.9	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 825



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2.2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.16	≥.1	≥0
NO CEILING	45.4	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	51.8	53.4	53.8	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 18000	52.0	53.5	53.9	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 16000	52.2	53.8	54.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 14000	52.7	54.3	54.6	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 12000	53.4	55.0	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 10000	57.6	59.1	59.5	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 9000	58.2	59.8	60.1	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 8000	60.4	62.2	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 7000	61.8	63.9	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 6000	64.8	67.0	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 5000	68.7	71.5	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 4500	70.2	73.0	73.4	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 4000	76.0	79.3	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 3500	78.4	82.1	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 3000	81.3	85.4	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2500	83.0	87.6	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2000	84.8	90.4	90.9	91.2	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1800	85.2	91.0	91.6	92.0	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1500	86.8	92.8	93.3	93.9	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1200	87.8	93.9	94.9	95.2	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000	87.9	94.1	95.1	95.6	96.3	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	88.0	94.3	95.4	96.0	96.7	97.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	88.0	94.4	95.5	96.2	97.0	97.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	88.0	94.5	95.7	96.6	97.4	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	88.0	94.5	95.7	96.6	97.4	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	88.0	94.5	95.7	96.6	97.4	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	88.0	94.5	95.7	96.6	97.4	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	88.0	94.5	95.7	96.6	97.4	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	88.0	94.5	95.7	96.6	97.4	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	88.0	94.5	95.7	96.6	97.4	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	88.0	94.5	95.7	96.6	97.4	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 820



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

72643G  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	52.8	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	59.5	61.7	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 18000	59.5	61.7	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 16000	59.5	61.7	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 14000	59.9	62.1	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 12000	60.6	62.8	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 10000	64.0	66.7	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 9000	64.4	67.1	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 8000	66.5	69.6	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 7000	68.2	71.8	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 6000	72.0	75.7	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 5000	75.2	79.8	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 4500	75.9	80.5	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 4000	79.4	84.5	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 3500	81.5	86.3	87.2	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3000	82.1	87.2	88.0	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2500	83.0	88.5	89.4	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 2000	83.9	89.9	91.2	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1800	84.6	90.7	92.3	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1500	85.5	91.8	93.5	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1200	85.7	92.9	94.8	95.6	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000	85.9	93.4	95.4	96.3	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	85.9	93.4	95.6	96.6	97.1	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	86.0	93.5	95.7	96.8	97.7	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700	86.1	93.9	96.1	97.2	98.0	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	86.1	94.0	96.2	97.3	98.2	98.4	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	86.1	94.0	96.2	97.3	98.2	98.4	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	86.1	94.0	96.2	97.3	98.2	98.4	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	86.1	94.0	96.2	97.3	98.2	98.4	99.0	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	86.1	94.0	96.2	97.3	98.2	98.4	99.0	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	86.1	94.0	96.2	97.3	98.2	98.4	99.0	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	86.1	94.0	96.2	97.3	98.2	98.4	99.0	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 620



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIC WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430 LA CROSSE MAP, WI

73-81

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	56.7	58.8	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	61.6	64.4	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 18000	61.6	64.4	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000	61.6	64.4	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	61.8	64.7	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	62.2	65.1	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	65.9	69.3	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 9000	66.3	69.7	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 8000	67.9	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	69.0	72.7	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	74.2	78.7	79.6	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	76.0	80.8	81.6	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	76.5	81.4	82.2	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	78.3	83.3	84.3	85.2	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	79.4	84.9	86.0	87.1	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	80.3	86.4	87.7	88.9	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	81.1	87.3	88.9	90.1	90.3	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	82.5	88.8	90.4	91.6	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	83.1	89.5	91.1	92.3	92.5	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	83.7	90.5	92.6	93.9	94.4	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	83.7	90.8	93.7	95.1	95.9	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	84.1	91.5	94.6	96.4	97.2	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	84.1	91.5	94.6	96.4	97.3	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	84.2	91.7	94.9	97.0	97.9	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	84.2	91.7	94.9	97.0	97.9	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	84.2	91.7	94.9	97.0	97.9	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	84.2	91.7	94.9	97.0	98.1	98.4	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	84.2	91.7	94.9	97.0	98.1	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	84.2	91.7	94.9	97.0	98.1	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	84.2	91.7	94.9	97.0	98.1	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	84.2	91.7	94.9	97.0	98.1	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	84.2	91.7	94.9	97.0	98.1	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 822



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
DATA

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	48.9	51.4	52.2	52.7	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3
≥ 20000	53.5	56.4	57.3	57.8	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
IV 18000	53.6	56.6	57.4	57.9	58.3	58.4	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6
IV 16000	53.7	56.6	57.4	57.9	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 14000	54.1	57.0	57.9	58.4	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
IV 12000	55.0	58.1	58.9	59.4	59.8	59.9	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
IV 10000	59.5	63.1	64.1	64.6	65.0	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3
IV 9000	60.0	63.7	64.6	65.1	65.5	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 8000	62.0	66.0	67.0	67.5	67.9	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
IV 7000	63.9	68.1	69.1	69.6	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 6000	66.8	71.3	72.4	73.0	73.5	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
IV 5000	69.2	74.1	75.2	75.9	76.4	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
IV 4500	70.1	75.0	76.2	76.9	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4000	72.8	78.1	79.3	80.1	80.6	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 3500	73.9	79.5	80.8	81.6	82.1	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 3000	75.5	81.4	82.8	83.6	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 2500	76.9	83.1	84.7	85.6	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	78.6	85.2	87.0	88.0	88.7	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
IV 1800	79.2	85.9	87.8	88.8	89.5	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1500	80.6	87.7	89.8	91.0	91.9	92.0	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
IV 1200	81.3	88.9	91.5	92.8	93.9	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
IV 1000	81.7	89.7	92.5	94.0	95.4	95.7	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 900	81.8	89.9	92.8	94.4	95.8	96.2	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IV 800	81.9	90.1	93.1	94.9	96.5	96.9	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	82.0	90.3	93.3	95.2	96.9	97.4	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	82.0	90.3	93.3	95.3	97.0	97.5	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
IV 500	82.0	90.3	93.4	95.4	97.1	97.7	98.7	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	82.0	90.3	93.4	95.4	97.1	97.7	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 300	82.0	90.3	93.4	95.4	97.1	97.7	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 200	82.0	90.3	93.4	95.4	97.1	97.7	98.8	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.8	99.9
IV 100	82.0	90.3	93.4	95.4	97.1	97.7	98.8	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.8	100.0
IV 0	82.0	90.3	93.4	95.4	97.1	97.7	98.8	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6567



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	59.1	63.4	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	60.6	65.8	66.6	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	60.6	65.8	66.6	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	60.6	65.8	66.6	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000	61.0	66.2	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	62.0	67.6	68.3	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	69.7	75.5	76.6	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	70.6	76.4	77.5	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	73.9	80.1	81.5	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 7000	75.5	81.7	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	76.8	83.1	84.5	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	79.3	86.3	87.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	79.6	86.7	88.1	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	81.0	88.4	89.8	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	81.4	88.8	90.2	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	82.5	90.3	91.8	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	83.4	91.4	92.9	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	84.5	92.9	94.5	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	84.5	93.0	94.7	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	84.6	93.8	95.4	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	84.8	94.3	95.9	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	85.2	94.8	96.5	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	85.2	94.9	96.8	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	85.5	95.2	97.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	85.5	95.5	97.5	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	85.6	95.7	97.6	98.8	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	85.6	95.7	97.6	98.8	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	85.6	95.7	97.6	98.8	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	85.6	95.7	97.8	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	85.6	95.7	97.8	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	85.6	95.7	97.8	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	85.6	95.7	97.8	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 805



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ 0
NO CEILING	51.8	55.1	56.2	56.7	57.6	57.7	58.0	58.1	58.1	58.4	58.6	58.6	58.9	59.0	59.0	59.0
≥ 20000	54.2	58.4	59.6	60.1	61.5	61.6	61.9	62.0	62.0	62.3	62.5	62.5	62.8	62.9	62.9	62.9
≥ 18000	54.2	58.4	59.6	60.1	61.5	61.6	61.9	62.0	62.0	62.3	62.5	62.5	62.8	62.9	62.9	62.9
≥ 16000	54.3	58.5	59.7	60.3	61.6	61.8	62.0	62.1	62.1	62.4	62.6	62.6	62.9	63.0	63.0	63.0
≥ 14000	54.6	59.1	60.4	61.0	62.4	62.5	62.8	62.9	62.9	63.1	63.4	63.4	63.6	63.8	63.8	63.8
≥ 12000	55.5	60.4	61.6	62.3	64.2	64.3	64.5	64.7	64.7	64.9	65.2	65.2	65.4	65.5	65.5	65.5
≥ 10000	62.1	67.5	68.8	69.6	71.4	71.6	71.8	71.9	71.9	72.2	72.5	72.5	72.7	72.8	72.8	72.8
≥ 9000	63.1	68.6	69.8	70.6	72.5	72.6	72.8	73.0	73.0	73.2	73.5	73.5	73.7	73.8	73.8	73.8
≥ 8000	66.3	71.9	73.2	74.0	75.8	76.0	76.2	76.4	76.4	76.6	76.9	76.9	77.1	77.2	77.2	77.2
≥ 7000	67.9	74.1	75.3	76.1	78.0	78.1	78.4	78.5	78.5	78.7	79.0	79.0	79.2	79.4	79.4	79.4
≥ 6000	68.9	75.1	76.5	77.4	79.2	79.4	79.6	79.7	79.7	80.0	80.3	80.3	80.5	80.6	80.6	80.6
≥ 5000	70.4	77.5	78.9	79.7	81.8	81.9	82.1	82.3	82.3	82.5	82.8	82.8	83.0	83.1	83.1	83.1
≥ 4500	70.8	77.9	79.2	80.1	82.1	82.3	82.5	82.6	82.6	82.9	83.1	83.1	83.4	83.5	83.5	83.5
≥ 4000	72.8	80.5	82.1	83.0	85.0	85.2	85.4	85.5	85.5	85.8	86.0	86.0	86.3	86.4	86.4	86.4
≥ 3500	73.3	81.1	82.8	83.6	85.7	85.8	86.0	86.2	86.2	86.4	86.7	86.7	86.9	87.0	87.0	87.0
≥ 3000	74.5	82.9	84.7	85.5	87.5	87.7	87.9	88.1	88.1	88.3	88.6	88.6	88.8	88.9	88.9	88.9
≥ 2500	75.3	83.8	85.5	86.4	88.4	88.6	88.8	88.9	88.9	89.2	89.4	89.4	89.7	89.8	89.8	89.8
≥ 2000	76.7	85.8	87.8	88.8	90.8	90.9	91.2	91.3	91.3	91.6	91.8	91.8	92.1	92.2	92.2	92.2
≥ 1800	76.9	86.0	88.1	89.1	91.1	91.2	91.4	91.6	91.6	91.8	92.1	92.1	92.3	92.5	92.5	92.5
≥ 1500	77.5	87.2	89.2	90.2	92.2	92.3	92.6	92.7	92.7	93.0	93.2	93.2	93.5	93.6	93.6	93.6
≥ 1200	78.2	88.3	90.4	91.6	93.6	93.7	94.0	94.1	94.1	94.3	94.6	94.6	94.8	95.0	95.0	95.0
≥ 1000	78.5	89.1	91.4	92.7	94.8	95.0	95.2	95.3	95.3	95.8	96.1	96.1	96.4	96.5	96.5	96.5
≥ 900	78.6	89.2	91.6	92.8	95.0	95.1	95.3	95.5	95.5	96.0	96.4	96.4	96.6	96.7	96.7	96.7
≥ 800	78.7	89.3	91.7	93.1	95.2	95.5	95.7	95.8	95.8	96.4	96.7	96.7	97.1	97.2	97.2	97.2
≥ 700	78.9	89.7	92.1	93.5	95.6	95.8	96.2	96.4	96.4	97.0	97.4	97.4	97.7	97.9	97.9	97.9
≥ 600	78.9	89.7	92.1	93.5	95.6	95.8	96.5	96.6	96.6	97.2	97.6	97.6	98.0	98.1	98.1	98.1
≥ 500	78.9	89.7	92.1	93.5	95.6	95.8	96.7	96.9	96.9	97.7	98.1	98.1	98.5	98.6	98.6	98.7
≥ 400	78.9	89.7	92.1	93.5	95.6	95.8	96.7	97.0	97.0	97.9	98.2	98.2	98.6	98.7	98.7	98.9
≥ 300	78.9	89.7	92.1	93.5	95.6	95.8	96.7	97.0	97.0	97.9	98.2	98.2	98.9	99.1	99.2	99.4
≥ 200	78.9	89.7	92.1	93.5	95.6	95.8	96.9	97.1	97.1	98.0	98.4	98.4	99.0	99.4	99.5	99.7
≥ 100	78.9	89.7	92.1	93.5	95.6	95.8	96.9	97.1	97.1	98.0	98.4	98.5	99.1	99.6	99.7	100.0
≥ 0	78.9	89.7	92.1	93.5	95.6	95.8	96.9	97.1	97.1	98.0	98.4	98.5	99.1	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 795



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AID WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0600  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01
NO CEILING	48.6	51.5	52.3	52.9	53.8	53.8	54.2	54.3	54.3	54.3	54.8	54.8	54.9	55.0	55.0	55.0
≥ 20000	54.0	57.8	58.8	59.4	61.1	61.1	61.5	61.6	61.6	61.8	62.1	62.1	62.2	62.3	62.3	62.3
≥ 18000	54.0	57.8	58.8	59.4	61.1	61.1	61.5	61.6	61.6	61.8	62.1	62.1	62.2	62.3	62.3	62.3
≥ 16000	54.2	57.9	58.9	59.6	61.2	61.2	61.6	61.7	61.7	62.0	62.2	62.2	62.3	62.5	62.5	62.5
≥ 14000	55.3	59.3	60.3	61.0	62.6	62.6	63.0	63.1	63.1	63.4	63.6	63.6	63.7	63.9	63.9	63.9
≥ 12000	56.2	60.5	61.6	62.3	64.2	64.2	64.6	64.7	64.7	65.0	65.2	65.2	65.4	65.5	65.5	65.5
≥ 10000	59.8	64.9	66.0	66.8	68.6	68.6	69.1	69.3	69.3	69.5	69.8	69.8	70.0	70.2	70.2	70.2
≥ 9000	60.7	65.9	67.0	67.8	69.6	69.6	70.2	70.3	70.3	70.5	70.8	70.8	71.0	71.2	71.2	71.2
≥ 8000	63.4	69.3	70.7	71.4	73.3	73.3	73.9	74.1	74.1	74.3	74.6	74.6	74.8	74.9	74.9	74.9
≥ 7000	64.5	70.8	72.2	72.9	74.9	74.9	75.6	75.7	75.7	75.9	76.2	76.2	76.4	76.6	76.6	76.6
≥ 6000	66.1	72.4	73.8	74.6	76.6	76.6	77.2	77.3	77.3	77.6	77.8	77.8	78.1	78.2	78.2	78.2
≥ 5000	67.4	74.1	75.6	76.3	78.3	78.3	79.0	79.1	79.1	79.3	79.6	79.6	79.8	80.0	80.0	80.0
≥ 4500	67.4	74.2	75.7	76.4	78.5	78.5	79.1	79.2	79.2	79.5	79.7	79.7	80.0	80.1	80.1	80.1
≥ 4000	69.4	76.3	78.1	78.8	80.9	80.9	81.5	81.6	81.6	81.9	82.1	82.1	82.4	82.5	82.5	82.5
≥ 3500	70.0	77.0	78.7	79.5	81.5	81.5	82.1	82.2	82.2	82.5	82.7	82.7	83.0	83.1	83.1	83.1
≥ 3000	71.5	78.5	80.2	81.0	83.0	83.0	83.6	83.8	83.8	84.0	84.3	84.3	84.5	84.6	84.6	84.6
≥ 2500	72.0	79.0	80.7	81.5	83.5	83.5	84.3	84.4	84.4	84.6	84.9	84.9	85.1	85.3	85.3	85.3
≥ 2000	73.4	80.9	82.9	83.6	85.6	85.6	86.5	86.6	86.6	86.9	87.2	87.2	87.4	87.5	87.5	87.5
≥ 1800	73.7	81.1	83.1	83.9	85.9	86.0	86.8	86.9	86.9	87.2	87.4	87.4	87.7	87.8	87.8	87.8
≥ 1500	75.2	82.7	85.0	85.9	88.0	88.2	88.9	89.0	89.0	89.3	89.5	89.5	89.8	89.9	89.9	89.9
≥ 1200	78.8	83.4	85.9	86.9	89.0	89.3	90.1	90.2	90.2	90.4	90.7	90.7	90.9	91.1	91.1	91.1
≥ 1000	77.1	85.6	88.2	89.3	91.4	91.4	92.8	93.2	93.2	93.6	94.0	94.0	94.3	94.5	94.5	94.5
≥ 900	77.2	85.8	88.3	89.7	91.8	92.2	93.2	93.6	93.6	94.0	94.3	94.3	94.7	94.8	95.0	95.0
≥ 800	77.7	86.3	88.8	90.2	92.3	92.7	94.1	94.5	94.5	94.8	95.2	95.2	95.6	95.7	95.8	95.8
≥ 700	78.1	86.6	89.2	90.6	92.8	93.2	94.8	95.3	95.3	95.7	96.1	96.1	96.5	96.6	96.7	96.7
≥ 600	78.3	87.2	89.8	91.2	93.5	93.8	95.5	96.0	96.0	96.5	96.9	96.9	97.2	97.4	97.5	97.5
≥ 500	78.3	87.3	90.1	91.6	93.8	94.2	96.1	96.9	96.9	97.4	97.7	97.7	98.4	98.5	98.6	98.6
≥ 400	78.3	87.3	90.1	91.6	93.8	94.2	96.1	96.9	96.9	97.4	97.7	97.7	98.4	98.5	98.6	98.6
≥ 300	78.3	87.3	90.1	91.6	93.8	94.3	96.2	97.0	97.0	97.6	98.2	98.2	98.9	99.2	99.7	99.7
≥ 200	78.3	87.3	90.1	91.6	93.8	94.3	96.2	97.0	97.0	97.7	98.4	98.4	99.0	99.4	100.0	100.0
≥ 100	78.3	87.3	90.1	91.6	93.8	94.3	96.2	97.0	97.0	97.7	98.4	98.4	99.0	99.4	100.0	100.0
≥ 0	78.3	87.3	90.1	91.6	93.8	94.3	96.2	97.0	97.0	97.7	98.4	98.4	99.0	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 794



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
DATE

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
TIME

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	46.2	50.2	50.6	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	52.3	57.3	57.9	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	52.3	57.3	57.9	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	52.3	57.3	57.9	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	53.1	58.3	58.9	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	54.7	59.9	60.5	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 10000	58.5	64.2	64.9	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	59.0	64.8	65.6	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	62.2	68.0	68.9	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	62.9	68.9	69.7	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	64.3	70.6	71.5	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 5000	65.3	71.9	72.8	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4500	65.6	72.1	73.0	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	70.2	77.0	78.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	71.5	78.6	79.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	73.8	81.0	82.1	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	75.9	83.4	84.5	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	78.6	86.3	87.4	88.5	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	78.9	86.6	87.8	88.9	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	81.5	90.0	91.3	92.6	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	82.8	91.8	93.1	94.5	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	83.9	93.1	94.6	96.0	96.8	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	83.9	93.1	94.6	96.0	96.8	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	83.9	93.1	94.7	96.1	96.6	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	83.9	93.1	94.7	96.1	96.6	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	84.2	93.7	95.3	96.7	97.2	98.1	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	84.2	94.1	95.7	97.1	97.6	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	84.2	94.1	95.7	97.1	97.6	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	84.2	94.1	95.7	97.1	97.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	84.2	94.1	95.7	97.1	97.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	84.2	94.1	95.7	97.1	97.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	84.2	94.1	95.7	97.1	97.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 793



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1500  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.4	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	43.9	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	50.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 18000	50.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 16000	50.0	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 14000	50.5	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 12000	52.0	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 10000	56.9	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 9000	57.4	60.8	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 8000	60.9	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 7000	61.8	65.5	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 6000	63.1	67.1	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 5000	66.0	70.1	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 4500	67.1	71.2	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 4000	73.9	78.0	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3500	76.0	80.3	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 3000	80.8	85.3	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 2500	83.1	87.8	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 2000	86.5	91.6	92.5	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1800	86.9	92.0	92.9	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1500	89.5	94.7	96.1	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	90.0	95.7	97.2	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	90.5	96.4	98.0	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	90.5	96.4	98.0	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	90.5	96.4	98.1	98.7	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	90.5	96.4	98.1	98.7	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	90.5	96.4	98.2	98.9	99.1	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	90.5	96.4	98.2	98.9	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.5	96.4	98.2	98.9	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.5	96.4	98.2	98.9	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.5	96.4	98.2	98.9	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.5	96.4	98.2	98.9	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.5	96.4	98.2	98.9	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	48.7	50.5	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥20000	55.8	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 18000	55.8	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 16000	56.1	58.6	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 14000	57.1	59.6	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 12000	58.6	61.1	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 10000	62.5	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 9000	63.3	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 8000	66.1	69.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 7000	67.0	70.8	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 6000	70.3	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 5000	74.4	78.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 4500	75.1	79.4	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 4000	81.3	85.6	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3500	83.2	87.5	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3000	87.2	91.8	92.2	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	88.1	92.7	93.2	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2000	89.7	95.2	95.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	90.0	95.4	95.9	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1500	91.1	96.8	97.5	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	91.1	97.0	97.7	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	91.4	97.2	98.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	91.4	97.2	98.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	91.4	97.2	98.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	91.4	97.2	98.1	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	91.4	97.2	98.2	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	91.4	97.2	98.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	91.4	97.2	98.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	91.4	97.2	98.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	91.4	97.2	98.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	91.4	97.2	98.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	91.4	97.2	98.2	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 190

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
SOURCE

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	53.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	59.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 18000	59.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 16000	59.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 14000	60.9	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 12000	62.5	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 10000	67.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 9000	69.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 8000	71.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 7000	74.4	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 6000	76.6	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 5000	80.5	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4500	81.0	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 4000	84.4	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3500	89.7	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3000	88.2	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500	89.1	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2000	90.1	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	90.3	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	91.0	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	91.0	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	91.1	98.0	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
IV 900	91.5	98.4	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
IV 800	91.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 700	91.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 600	91.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 500	91.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 400	91.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 300	91.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 200	91.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 100	91.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 0	91.5	98.5	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 790



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	58.9	61.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 20000	61.9	65.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 18000	61.9	65.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 16000	61.9	65.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 14000	62.8	66.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 12000	63.8	67.5	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 10000	69.4	73.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 9000	70.5	74.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 8000	74.6	78.4	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 7000	77.0	80.9	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 6000	78.0	82.3	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 5000	80.0	85.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4500	80.9	86.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4000	83.2	89.0	91.2	91.5	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3500	83.4	89.8	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3000	85.0	91.8	94.1	94.6	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2500	86.2	93.3	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2000	87.1	94.3	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1800	87.1	94.3	97.0	97.5	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	87.6	94.8	97.5	98.0	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1200	87.9	95.1	97.7	98.2	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	88.4	95.7	98.4	98.9	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	88.4	95.8	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 800	88.4	95.8	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 700	88.4	95.8	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 600	88.4	95.8	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 500	88.4	95.8	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 400	88.4	95.8	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 300	88.4	95.8	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 200	88.4	95.8	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 100	88.4	95.8	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0
IV 0	88.4	95.8	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

USAF ETAC

FORM  
JUL 64

D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	51.4	54.3	54.8	55.1	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.7	55.7	55.7
IV 20000	56.1	59.8	60.5	60.8	61.2	61.2	61.3	61.3	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.6
IV 18000	56.1	59.8	60.5	60.8	61.2	61.2	61.3	61.3	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.6
IV 16000	56.1	59.9	60.6	60.8	61.3	61.3	61.4	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6
IV 14000	56.9	60.9	61.6	61.8	62.3	62.3	62.4	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6
IV 12000	58.2	62.3	63.0	63.3	63.9	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2
IV 10000	63.2	67.7	68.5	68.8	69.4	69.4	69.5	69.5	69.5	69.6	69.7	69.7	69.7	69.8	69.8	69.8
IV 9000	64.2	68.8	69.5	69.9	70.4	70.4	70.5	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.8
IV 8000	67.4	72.2	73.1	73.5	74.1	74.1	74.2	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5
IV 7000	68.9	74.0	74.9	75.3	75.9	75.9	76.0	76.0	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.3
IV 6000	70.5	75.8	76.8	77.2	77.7	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1
IV 5000	72.9	78.7	79.7	80.1	80.7	80.7	80.8	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1
IV 4500	73.4	79.2	80.2	80.7	81.2	81.3	81.4	81.4	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7
IV 4000	77.0	83.0	84.2	84.7	85.3	85.3	85.4	85.5	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.7
IV 3500	78.1	84.2	85.4	85.9	86.5	86.5	86.7	86.7	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0
IV 3000	80.4	86.9	88.2	88.7	89.3	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8
IV 2500	81.6	88.3	89.6	90.2	90.8	90.8	91.0	91.0	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3
IV 2000	83.3	90.4	91.8	92.5	93.1	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6
IV 1800	83.5	90.7	92.1	92.7	93.4	93.4	93.6	93.6	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9
IV 1500	84.7	92.2	93.7	94.5	95.2	95.3	95.5	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
IV 1200	85.2	92.9	94.5	95.4	96.1	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
IV 1000	85.7	93.7	95.4	96.4	97.1	97.3	97.6	97.6	97.6	97.8	97.9	97.9	97.9	98.0	98.0	98.0
IV 900	85.8	93.8	95.6	96.5	97.3	97.5	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.2	98.2	98.2
IV 800	85.9	94.0	95.7	96.7	97.5	97.7	98.1	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.6	98.6
IV 700	86.0	94.1	95.9	96.9	97.7	97.9	98.3	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8
IV 600	86.1	94.3	96.1	97.1	97.9	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2
IV 500	86.1	94.3	96.2	97.2	98.0	98.3	98.8	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.6
IV 400	86.1	94.3	96.2	97.2	98.0	98.3	98.9	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6
IV 300	86.1	94.3	96.2	97.2	98.0	98.3	98.9	99.1	99.1	99.4	99.5	99.5	99.7	99.7	99.8	99.9
IV 200	86.1	94.3	96.2	97.2	98.0	98.3	98.9	99.2	99.2	99.4	99.5	99.5	99.7	99.8	99.9	99.9
IV 100	86.1	94.3	96.2	97.2	98.0	98.3	98.9	99.2	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0
IV 0	86.1	94.3	96.2	97.2	98.0	98.3	98.9	99.2	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4384



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	59.4	65.3	66.9	67.9	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000	60.6	67.2	69.2	70.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 18000	60.7	67.4	69.3	70.3	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000	60.7	67.4	69.3	70.3	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000	62.7	69.3	71.3	72.3	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	64.4	71.2	73.2	74.1	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	69.2	76.6	78.9	79.9	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 9000	70.0	77.3	79.7	80.7	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	72.4	79.9	82.3	83.3	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	73.0	80.5	82.9	83.9	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 6000	73.6	81.3	83.6	84.6	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	75.0	83.0	85.3	86.3	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4500	75.5	83.5	86.0	86.9	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	77.1	85.2	87.7	88.8	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	77.2	85.5	87.9	89.0	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	77.6	86.1	88.8	89.9	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	78.1	87.2	90.0	91.3	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	78.9	88.9	92.0	93.3	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	79.4	89.4	92.5	93.8	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	79.9	90.5	93.7	95.1	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	80.3	90.9	94.3	95.7	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	80.8	91.5	95.1	96.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	80.8	91.5	95.1	96.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	80.8	91.7	95.7	97.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	80.8	91.7	95.7	97.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	80.8	91.7	95.7	97.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	80.8	91.7	95.8	97.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	80.8	91.9	95.9	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	80.8	91.9	95.9	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	80.8	91.9	95.9	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	80.8	91.9	95.9	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	80.8	91.9	95.9	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	49.8	54.1	55.1	56.3	58.1	58.3	59.4	59.9	59.9	60.4	60.5	60.5	60.9	60.9	61.1	61.1
≥ 20000	52.3	57.4	58.9	60.1	62.0	62.2	63.3	63.8	63.8	64.3	64.5	64.5	64.8	64.8	65.1	65.1
≥ 18000	52.3	57.4	58.9	60.1	62.1	62.4	63.5	64.0	64.0	64.5	64.6	64.6	64.9	64.9	65.2	65.2
≥ 16000	52.3	57.4	58.9	60.1	62.1	62.4	63.5	64.0	64.0	64.5	64.6	64.6	64.9	64.9	65.2	65.2
≥ 14000	54.2	59.4	61.0	62.2	64.2	64.5	65.6	66.1	66.1	66.5	66.7	66.7	67.0	67.0	67.3	67.3
≥ 12000	56.5	61.7	63.3	64.6	66.8	67.0	68.1	68.6	68.6	69.1	69.2	69.2	69.6	69.6	69.9	69.9
≥ 10000	61.5	67.8	69.5	70.7	72.9	73.2	74.3	74.8	74.8	75.3	75.4	75.4	75.8	75.8	76.0	76.0
≥ 9000	62.1	68.4	70.1	71.3	73.7	73.9	75.0	75.5	75.5	76.0	76.1	76.1	76.5	76.5	76.8	76.8
≥ 8000	63.7	70.2	72.1	73.3	75.6	75.9	77.0	77.5	77.5	78.0	78.1	78.1	78.5	78.5	78.7	78.7
≥ 7000	64.6	71.1	72.9	74.3	76.8	77.0	78.2	78.7	78.7	79.2	79.3	79.3	79.7	79.7	80.0	80.0
≥ 6000	65.9	72.8	74.7	76.1	78.6	78.8	80.1	80.6	80.6	81.1	81.2	81.2	81.5	81.5	81.8	81.8
≥ 5000	67.8	75.2	77.2	78.8	81.3	81.5	82.8	83.3	83.3	83.8	83.9	83.9	84.3	84.3	84.5	84.5
≥ 4500	67.8	75.2	77.2	78.8	81.3	81.5	82.8	83.3	83.3	83.8	83.9	83.9	84.3	84.3	84.5	84.5
≥ 4000	69.1	77.0	79.1	80.7	83.1	83.4	84.7	85.2	85.2	85.7	85.9	85.9	86.2	86.2	86.5	86.5
≥ 3500	69.5	77.4	79.5	81.2	83.6	83.9	85.2	85.7	85.7	86.2	86.3	86.3	86.7	86.7	87.0	87.0
≥ 3000	70.5	78.7	80.8	82.5	85.4	85.6	87.0	87.5	87.5	87.9	88.1	88.1	88.4	88.4	88.7	88.7
≥ 2500	71.6	80.0	82.0	83.8	86.6	86.8	88.3	88.8	88.8	89.3	89.4	89.4	89.8	89.8	90.0	90.0
≥ 2000	71.6	80.0	82.0	83.8	86.6	86.8	88.3	88.8	88.8	89.3	89.4	89.4	89.8	89.8	90.0	90.0
≥ 1800	72.8	81.7	83.8	85.7	88.7	88.9	90.4	90.9	90.9	91.4	91.5	91.5	91.9	91.9	92.1	92.1
≥ 1500	73.1	82.5	84.9	87.0	89.9	90.2	91.6	92.1	92.1	92.6	92.7	92.7	93.1	93.1	93.4	93.4
≥ 1200	73.6	83.5	86.0	88.1	91.0	91.3	92.7	93.2	93.2	93.7	93.8	93.8	94.2	94.2	94.5	94.5
≥ 1000	74.3	84.9	87.5	89.5	92.7	93.0	94.7	95.3	95.3	95.9	96.1	96.1	96.4	96.4	96.7	96.7
≥ 900	74.3	84.9	87.5	89.5	92.7	93.1	94.8	95.4	95.4	96.1	96.2	96.2	96.6	96.6	96.8	96.8
≥ 800	74.4	85.0	87.6	89.8	93.0	93.6	95.3	96.1	96.1	96.8	96.9	96.9	97.3	97.3	97.5	97.5
≥ 700	74.4	85.0	87.7	90.0	93.2	93.8	95.8	96.6	96.6	97.4	97.5	97.5	97.9	97.9	98.2	98.2
≥ 600	74.4	85.1	87.8	90.2	93.4	94.0	96.1	96.8	96.8	97.7	97.8	97.8	98.2	98.2	98.4	98.4
≥ 500	74.4	85.1	87.8	90.2	93.6	94.3	96.7	97.4	97.4	98.3	98.4	98.4	98.8	98.8	99.0	99.0
≥ 400	74.4	85.1	87.8	90.2	93.6	94.3	96.7	97.4	97.4	98.3	98.4	98.4	98.8	98.8	99.0	99.0
≥ 300	74.4	85.1	87.8	90.3	93.7	94.5	96.8	97.5	97.5	98.4	98.5	98.5	98.9	98.9	99.1	99.1
≥ 200	74.4	85.1	87.8	90.3	93.7	94.5	96.8	97.5	97.5	98.5	98.6	98.6	99.3	99.3	99.5	99.5
≥ 100	74.4	85.1	87.9	90.4	93.8	94.6	96.9	97.7	97.7	98.6	98.8	98.8	99.5	99.5	99.8	99.8
≥ 0	74.4	85.1	87.9	90.4	93.8	94.6	96.9	97.7	97.7	98.6	98.8	98.8	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 813



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0600

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING	44.2	49.1	50.7	52.0	52.3	52.7	54.1	54.4	54.4	54.8	54.8	54.8	54.9	54.9	54.9	55.0
≥ 20000	48.3	53.4	55.3	56.6	57.5	57.9	59.2	59.6	59.6	60.0	60.0	60.0	60.1	60.1	60.1	60.2
IV 18000	48.3	53.4	55.3	56.6	57.5	57.9	59.2	59.6	59.6	60.0	60.0	60.0	60.1	60.1	60.1	60.2
IV 16000	48.3	53.4	55.3	56.6	57.5	57.9	59.2	59.6	59.6	60.0	60.0	60.0	60.1	60.1	60.1	60.2
IV 14000	49.8	54.9	56.9	58.2	59.1	59.5	60.8	61.2	61.2	61.5	61.5	61.5	61.7	61.7	61.7	61.8
IV 12000	51.8	57.2	59.6	60.9	61.9	62.3	63.6	64.0	64.0	64.4	64.4	64.4	64.5	64.5	64.5	64.6
IV 10000	57.9	63.9	66.3	68.1	69.0	69.5	71.3	71.6	71.6	72.0	72.0	72.0	72.1	72.1	72.1	72.2
IV 9000	58.0	64.1	66.8	68.7	69.7	70.1	71.9	72.2	72.2	72.6	72.6	72.6	72.7	72.7	72.7	72.9
IV 8000	60.3	66.5	69.2	71.3	72.2	72.7	74.4	74.8	74.8	75.2	75.2	75.2	75.3	75.3	75.3	75.4
IV 7000	61.2	67.3	70.0	72.4	73.3	73.8	75.6	75.9	75.9	76.3	76.3	76.3	76.4	76.4	76.4	76.5
IV 6000	61.7	67.9	70.6	73.0	74.0	74.4	76.2	76.5	76.5	76.9	76.9	76.9	77.0	77.0	77.0	77.1
IV 5000	64.1	70.9	73.7	76.3	77.5	78.0	79.7	80.2	80.2	80.6	80.6	80.6	80.7	80.7	80.7	80.8
IV 4500	64.4	71.1	74.0	76.5	77.8	78.3	80.0	80.5	80.5	80.8	80.8	80.8	81.0	81.0	81.0	81.1
IV 4000	65.4	72.2	75.2	77.9	79.1	79.9	81.6	82.1	82.1	82.4	82.4	82.4	82.6	82.6	82.6	82.7
IV 3500	66.0	73.0	75.9	78.6	79.9	80.6	82.3	82.8	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.4
IV 3000	67.6	74.6	77.5	80.2	81.4	82.2	84.0	84.5	84.5	84.9	84.9	84.9	85.0	85.0	85.0	85.1
IV 2500	68.2	75.2	78.1	80.8	82.1	82.8	84.6	85.1	85.1	85.5	85.5	85.5	85.6	85.6	85.6	85.7
IV 2000	68.9	76.0	79.0	81.8	83.0	83.9	85.7	86.4	86.4	86.7	86.7	86.7	86.9	86.9	86.9	87.0
IV 1800	69.4	76.5	79.5	82.3	83.5	84.4	86.2	86.9	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.5
IV 1500	70.4	77.8	81.0	83.8	85.1	86.0	87.8	88.5	88.5	88.8	88.8	88.8	88.9	88.9	88.9	89.1
IV 1200	71.9	79.7	83.4	86.2	87.6	88.5	90.3	90.9	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.5
IV 1000	72.4	80.6	84.8	88.1	89.4	90.3	92.3	92.9	92.9	93.2	93.2	93.2	93.4	93.4	93.4	93.5
IV 900	72.5	80.7	84.9	88.3	89.8	90.7	92.9	93.6	93.6	94.0	94.0	94.0	94.1	94.1	94.1	94.2
IV 800	72.5	80.7	85.0	88.6	90.0	91.0	93.5	94.2	94.2	94.6	94.6	94.7	94.8	94.8	94.8	95.0
IV 700	72.5	80.8	85.3	88.9	90.7	91.8	94.2	95.0	95.0	95.3	95.3	95.5	95.5	95.5	95.6	95.7
IV 600	72.5	81.1	85.5	89.2	90.9	92.1	94.8	95.6	95.6	95.9	96.1	96.1	96.2	96.2	96.2	96.3
IV 500	72.5	81.2	85.6	89.3	91.0	92.3	95.1	96.1	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.8
IV 400	72.5	81.3	85.7	89.7	91.5	92.9	95.9	97.1	97.1	97.4	97.8	97.8	97.9	97.9	97.9	98.2
IV 300	72.5	81.3	85.7	89.7	91.5	92.9	96.1	97.3	97.3	97.9	98.2	98.2	98.3	98.3	98.3	98.9
IV 200	72.5	81.3	85.7	89.8	91.6	93.0	96.2	97.4	97.4	98.2	98.5	98.5	98.6	98.6	98.6	99.8
IV 100	72.5	81.3	85.7	89.8	91.6	93.0	96.2	97.4	97.4	98.2	98.5	98.5	98.6	98.6	98.6	100.0
IV 0	72.5	81.3	85.7	89.8	91.6	93.0	96.2	97.4	97.4	98.2	98.5	98.5	98.6	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 819



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430 LA CROSSE MAP, WI

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	49.5	52.3	53.3	54.0	54.9	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	54.3	57.8	59.2	60.3	61.4	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 18000	54.7	58.2	59.6	60.7	61.8	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 16000	54.7	58.2	59.6	60.7	61.8	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 14000	56.0	59.8	61.2	62.3	63.4	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 12000	57.1	61.0	62.7	63.8	65.0	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 10000	61.9	66.7	68.8	70.2	71.3	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 9000	62.1	67.2	69.2	70.7	71.8	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 8000	64.1	69.6	71.8	73.3	74.4	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 7000	64.5	70.1	72.3	73.8	74.9	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 6000	65.4	71.3	73.5	75.0	76.1	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 5000	67.2	73.2	75.6	77.1	78.4	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 4500	67.5	73.7	76.1	77.6	78.9	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4000	69.4	75.5	78.1	79.5	80.9	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 3500	70.3	76.5	79.0	80.5	81.9	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 3000	72.5	79.2	81.7	83.2	84.6	85.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 2500	73.7	80.3	83.0	84.4	85.8	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2000	76.3	83.5	86.3	87.7	89.2	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1800	76.8	84.3	87.1	88.6	90.1	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1500	79.5	87.6	90.6	92.0	93.6	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200	80.6	89.0	92.2	93.6	95.2	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000	81.3	89.6	92.9	94.9	96.6	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	81.3	89.6	92.9	95.1	97.1	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	81.3	89.6	92.9	95.1	97.1	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	81.4	89.7	93.0	95.3	97.3	98.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	81.4	89.7	93.3	95.6	97.5	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	81.4	89.8	93.4	95.7	97.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	81.4	89.8	93.4	95.8	97.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	81.4	89.8	93.4	95.8	97.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	81.4	89.8	93.4	95.8	97.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	81.4	89.8	93.4	95.8	97.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	81.4	89.8	93.4	95.8	97.8	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 816



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726437 LA CROSSE MAP, WI

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	49.9	52.5	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	58.0	61.5	62.6	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	58.3	61.9	63.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	58.3	61.9	63.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	58.8	62.4	63.5	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	60.3	64.2	65.4	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	65.1	69.3	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000	65.6	70.3	71.4	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 8000	68.4	73.1	74.4	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000	69.2	74.0	75.2	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	70.2	75.3	76.6	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	72.0	77.3	78.5	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4500	72.6	77.9	79.4	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4000	75.3	80.9	82.5	83.1	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	76.8	82.6	84.2	84.8	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	80.6	86.7	88.3	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	82.5	88.7	90.4	91.0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	84.2	91.2	93.3	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	84.6	92.0	94.5	95.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	85.5	92.8	95.4	96.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	85.7	93.2	95.8	96.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	85.8	93.3	96.2	97.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	85.8	93.3	96.2	97.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	86.1	93.6	96.4	97.5	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	86.4	94.0	96.8	97.9	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	86.4	94.0	96.8	97.9	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	86.4	94.0	96.8	97.9	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	86.4	94.0	96.8	98.2	99.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	86.4	94.0	96.8	98.2	99.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	86.4	94.0	96.8	98.2	99.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	86.4	94.0	96.8	98.2	99.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	86.4	94.0	96.8	98.2	99.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 811



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	53.5	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	61.1	64.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	61.8	64.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	61.9	65.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	62.9	66.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	64.3	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	69.9	73.7	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	70.5	74.3	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	72.6	76.7	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	73.7	78.0	79.5	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	75.0	79.7	81.4	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	77.1	81.9	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4500	78.0	82.7	84.4	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	81.2	86.6	88.4	88.4	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	82.9	88.3	90.3	90.3	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	84.9	90.5	92.4	92.4	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	85.9	92.0	93.9	93.9	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	86.6	93.3	95.7	95.7	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	86.8	93.8	96.2	96.3	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	87.3	94.5	97.0	97.2	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	87.7	95.2	97.7	97.9	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	87.8	95.4	97.8	98.1	98.9	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	87.8	95.5	97.9	98.2	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	87.8	95.5	98.1	98.3	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	87.8	95.5	98.1	98.3	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	87.8	95.5	98.2	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.8	95.5	98.2	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.8	95.5	98.2	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.8	95.5	98.2	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.8	95.5	98.2	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.8	95.5	98.2	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.8	95.5	98.2	98.4	99.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 821



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	61.5	64.7	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 20000	65.8	69.8	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	65.8	69.8	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000	65.8	69.8	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000	67.4	71.4	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	69.4	73.3	74.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	74.4	78.8	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	75.1	79.5	81.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	77.7	82.8	84.4	85.4	85.4	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	79.5	84.7	86.3	87.3	87.3	87.3	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	80.9	86.2	87.8	88.8	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	81.9	87.5	89.1	90.2	90.2	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500	82.1	88.0	89.6	90.7	90.7	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	84.3	90.5	92.1	93.2	93.2	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	84.7	91.0	92.8	94.1	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	86.0	92.3	94.2	95.4	95.4	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	86.5	92.8	94.7	96.0	96.0	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	87.3	93.7	95.6	96.9	96.9	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	87.4	93.8	95.7	97.0	97.0	97.0	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	87.7	94.2	96.0	97.5	97.5	97.5	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	87.8	94.3	96.4	98.0	98.0	98.0	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	88.0	94.6	96.8	98.4	98.4	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	88.0	94.6	96.8	98.5	98.6	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	88.0	94.6	96.8	98.5	98.8	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	88.3	94.8	97.0	98.8	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	88.3	94.8	97.0	98.8	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	88.3	94.8	97.0	98.8	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	88.3	94.8	97.0	98.8	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	88.3	94.8	97.0	98.8	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	88.3	94.8	97.0	98.8	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	88.3	94.8	97.0	98.8	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	88.3	94.8	97.0	98.8	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 810



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	60.6	64.1	65.5	66.7	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	65.2	70.9	71.5	72.7	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 18000	65.5	70.3	71.7	73.0	73.6	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 16000	65.5	70.3	71.7	73.0	73.6	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 14000	67.2	72.0	73.5	74.7	75.3	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 12000	68.1	73.3	74.8	76.0	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 10000	72.9	78.9	80.3	81.7	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 9000	73.1	79.2	80.7	82.1	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 8000	74.4	81.0	82.6	83.9	84.5	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 7000	76.2	82.7	84.3	85.6	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 6000	77.6	84.2	85.7	87.1	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 5000	78.3	85.1	86.7	88.1	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4500	78.5	85.5	87.2	88.6	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 4000	81.0	88.1	90.0	91.4	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3500	81.6	88.7	90.8	92.3	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 3000	82.3	89.6	91.9	93.4	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 2500	82.8	90.0	92.5	94.0	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2000	83.3	91.0	93.9	95.3	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1800	83.3	91.2	94.0	95.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1500	83.8	91.8	94.7	96.4	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200	83.9	92.1	95.1	96.8	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	84.2	92.6	95.6	97.7	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	84.2	92.8	95.7	98.0	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	84.2	92.8	95.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	84.2	92.8	95.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	84.2	92.8	95.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	84.2	92.8	95.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	84.2	92.8	95.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	84.2	92.8	95.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	84.2	92.8	95.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	84.2	92.8	95.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	84.2	92.8	95.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 814



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
PERIOD

CEILING FEET.	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	53.5	57.3	58.4	59.2	59.9	60.0	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.7
≥ 20000	58.2	62.7	64.2	65.0	65.8	65.9	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.7
IV 18000	58.4	62.9	64.4	65.3	66.0	66.2	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9
IV 16000	58.4	62.9	64.4	65.3	66.1	66.2	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9
IV 14000	59.9	64.4	65.9	66.8	67.6	67.7	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.5
IV 12000	61.5	66.2	67.8	68.7	69.5	69.7	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4
IV 10000	66.6	71.9	73.7	74.7	75.6	75.7	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5
IV 9000	67.1	72.5	74.4	75.4	76.2	76.4	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.2
IV 8000	69.2	75.0	76.9	77.9	78.9	79.0	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8
IV 7000	70.2	76.0	77.9	79.1	80.0	80.2	80.6	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0
IV 6000	71.3	77.3	79.2	80.4	81.3	81.5	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3
IV 5000	72.9	79.3	81.2	82.4	83.4	83.6	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.5
IV 4500	73.3	79.7	81.7	82.9	84.0	84.1	84.6	84.7	84.7	84.9	84.9	84.9	84.9	84.9	85.0	85.0
IV 4000	75.3	82.0	84.1	85.4	86.5	86.7	87.2	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.6
IV 3500	76.1	82.9	85.1	86.3	87.5	87.7	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5
IV 3000	77.8	84.7	87.0	88.3	89.4	89.6	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5
IV 2500	78.7	85.8	88.1	89.4	90.6	90.8	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.7	91.7
IV 2000	79.8	87.4	89.9	91.3	92.6	92.8	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
IV 1800	80.1	87.8	90.4	91.8	93.1	93.3	93.9	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3
IV 1500	80.9	89.0	91.7	93.2	94.5	94.7	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7
IV 1200	81.4	89.8	92.6	94.1	95.5	95.8	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7
IV 1000	81.8	90.3	93.3	95.0	96.5	96.8	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9
IV 900	81.8	90.4	93.4	95.2	96.7	97.0	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.2
IV 800	81.9	90.4	93.5	95.4	96.9	97.3	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6
IV 700	82.0	90.5	93.7	95.6	97.2	97.6	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 600	82.0	90.6	93.7	95.7	97.3	97.7	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 500	82.0	90.6	93.8	95.7	97.3	97.8	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3
IV 400	82.0	90.6	93.8	95.8	97.5	98.0	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6
IV 300	82.0	90.6	93.8	95.9	97.5	98.0	99.0	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.7
IV 200	82.0	90.6	93.8	95.9	97.5	98.0	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.9
IV 100	82.0	90.6	93.8	95.9	97.5	98.0	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	99.9
IV 0	82.0	90.6	93.8	95.9	97.5	98.0	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6511

USAF ETAC

FORM 10-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726437 LA CROSSE MAP, WI

73-81

ANG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	54.3	59.7	61.3	62.7	63.4	63.8	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	55.3	60.9	62.6	64.1	65.1	65.6	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	55.3	60.9	62.6	64.1	65.1	65.6	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	55.3	60.9	62.6	64.1	65.1	65.6	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	55.0	61.6	63.4	64.8	65.8	66.3	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 12000	54.7	62.5	64.3	65.8	66.8	67.3	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	62.5	69.1	71.1	72.5	73.5	74.0	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	63.1	69.7	71.7	73.2	74.1	74.6	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	64.6	71.7	73.9	75.4	76.3	76.8	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	65.2	72.4	74.6	76.1	77.1	77.6	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	65.6	72.9	75.1	76.7	77.8	78.3	79.0	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	66.5	74.4	76.7	78.3	79.8	80.3	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	66.8	74.6	77.0	78.6	80.0	80.5	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	67.6	75.7	78.3	79.9	81.4	81.9	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3500	68.8	76.8	79.7	81.3	83.0	83.5	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	70.2	78.4	81.4	83.0	84.7	85.2	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	71.0	79.2	82.2	83.8	85.5	86.0	87.0	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	72.3	81.0	84.6	86.3	88.0	88.5	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	72.3	81.0	85.0	86.8	88.5	89.0	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	73.3	82.1	86.2	87.9	90.0	90.4	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1200	74.0	83.0	88.0	89.7	92.0	92.5	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	74.1	83.5	89.1	90.8	93.4	93.9	95.3	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	74.1	83.5	89.1	90.8	93.6	94.1	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	74.1	83.5	89.2	90.9	93.9	94.4	96.1	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	74.1	83.6	89.3	91.3	94.4	94.9	96.8	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	74.1	83.7	89.8	91.8	94.9	95.3	97.4	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	74.1	83.7	90.0	91.9	95.0	95.6	97.8	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	74.1	83.7	90.0	91.9	95.0	95.6	97.8	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	74.1	83.7	90.0	91.9	95.0	95.6	97.8	98.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	74.1	83.7	90.0	91.9	95.0	95.6	97.8	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	74.1	83.7	90.0	91.9	95.0	95.6	97.8	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	74.1	83.7	90.0	91.9	95.0	95.6	97.8	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 816

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726433  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	42.5	48.5	50.6	51.8	53.3	53.9	55.0	55.2	55.2	56.0	56.4	56.4	56.7	56.7	56.7	56.8
≥ 20000	43.2	49.5	51.6	52.8	54.4	55.0	56.2	56.3	56.3	57.1	57.5	57.5	57.8	57.8	57.8	57.9
≥ 18000	43.2	49.5	51.6	52.8	54.4	55.0	56.2	56.3	56.3	57.1	57.5	57.5	57.8	57.8	57.8	57.9
≥ 16000	43.2	49.5	51.6	52.8	54.4	55.0	56.2	56.3	56.3	57.1	57.5	57.5	57.8	57.8	57.8	57.9
IV 14000	43.8	50.1	52.2	53.4	55.0	55.7	56.8	56.9	56.9	57.8	58.1	58.1	58.4	58.4	58.4	58.5
IV 12000	45.4	52.0	54.1	55.3	56.9	57.5	58.6	58.7	58.7	59.6	60.0	60.0	60.2	60.2	60.2	60.3
IV 10000	48.9	55.5	57.8	59.2	60.8	61.6	62.8	62.9	62.9	63.9	64.3	64.3	64.5	64.5	64.5	64.7
IV 9000	49.5	56.5	58.7	60.2	61.8	62.6	63.8	63.9	63.9	64.9	65.3	65.3	65.5	65.5	65.5	65.6
IV 8000	51.8	59.6	62.1	63.7	65.4	66.1	67.4	67.5	67.5	68.5	68.8	68.8	69.1	69.1	69.1	69.2
IV 7000	52.7	60.8	63.4	65.0	66.7	67.5	68.7	68.8	68.8	69.8	70.2	70.2	70.4	70.4	70.4	70.6
IV 6000	53.8	62.1	64.9	66.5	68.5	69.2	70.4	70.6	70.6	71.6	71.9	71.9	72.2	72.2	72.2	72.3
IV 5000	54.3	63.2	66.3	67.9	69.8	70.6	71.9	72.0	72.0	73.0	73.4	73.4	73.6	73.6	73.6	73.8
IV 4500	54.4	63.3	66.4	68.0	70.0	70.7	72.0	72.2	72.2	73.2	73.5	73.5	73.8	73.8	73.8	73.9
IV 4000	55.8	64.9	68.1	69.7	71.7	72.4	73.9	74.0	74.0	75.0	75.4	75.4	75.6	75.6	75.6	75.7
IV 3500	56.5	65.6	69.0	70.6	72.5	73.3	74.8	74.9	74.9	75.9	76.2	76.2	76.5	76.5	76.5	76.6
IV 3000	57.6	67.5	70.9	72.5	74.5	75.2	76.7	76.8	76.8	77.8	78.2	78.2	78.4	78.4	78.4	78.6
IV 2500	58.3	68.1	71.7	73.3	75.4	76.1	77.6	77.7	77.7	78.7	79.1	79.1	79.3	79.3	79.3	79.4
IV 2000	58.6	68.8	73.3	75.0	77.3	78.1	79.6	79.7	79.7	80.7	81.0	81.0	81.3	81.3	81.3	81.4
IV 1800	58.9	69.3	73.9	75.6	78.0	78.7	80.2	80.3	80.3	81.3	81.7	81.7	81.9	81.9	81.9	82.0
IV 1500	59.7	70.6	76.2	78.0	80.7	81.4	82.9	83.0	83.0	84.0	84.4	84.4	84.6	84.6	84.6	84.7
IV 1200	60.8	72.2	78.6	80.4	83.6	84.4	86.0	86.1	86.1	87.1	87.4	87.4	87.7	87.7	87.7	87.8
IV 1000	61.0	73.0	79.8	81.8	85.6	86.3	88.4	88.7	88.7	89.7	90.0	90.0	90.3	90.3	90.3	90.4
IV 900	61.1	73.2	79.9	82.0	86.1	86.8	89.0	89.4	89.4	90.4	90.8	90.8	91.0	91.0	91.0	91.1
IV 800	61.2	73.6	80.7	82.8	86.8	87.6	90.4	90.8	90.8	91.7	92.1	92.1	92.4	92.4	92.4	92.5
IV 700	61.2	73.6	80.7	83.0	87.3	88.1	91.1	91.5	91.5	92.5	92.9	92.9	93.1	93.1	93.1	93.2
IV 600	61.3	73.8	81.3	83.7	88.3	89.3	92.5	93.0	93.0	94.0	94.3	94.3	94.6	94.6	94.6	94.7
IV 500	61.3	73.9	81.4	83.9	88.4	89.5	93.2	93.7	93.7	94.7	95.2	95.2	95.8	95.8	95.8	95.9
IV 400	61.3	73.9	81.4	83.9	88.4	89.7	93.3	93.8	93.8	94.8	95.7	95.7	96.4	96.4	96.4	96.7
IV 300	61.3	74.0	81.5	84.0	88.5	89.8	93.5	94.0	94.0	95.1	95.9	95.9	96.8	96.8	96.9	97.5
IV 200	61.3	74.0	81.5	84.0	88.5	89.8	93.5	94.2	94.2	95.6	96.4	96.7	97.9	98.0	98.5	99.0
IV 100	61.3	74.0	81.5	84.0	88.5	89.8	93.5	94.2	94.2	95.6	96.4	96.7	97.9	98.2	98.6	99.3
IV 0	61.3	74.0	81.5	84.0	88.5	89.8	93.5	94.2	94.2	95.6	96.4	96.7	97.9	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72643(1)  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	31.4	36.6	39.3	40.7	41.3	42.0	42.5	42.9	42.9	43.5	43.8	43.8	44.3	44.3	44.4	44.4
≥ 20000	33.9	39.4	42.6	44.1	45.0	45.7	46.2	47.0	47.0	47.7	48.0	48.0	48.5	48.5	48.6	48.6
≥ 18000	33.9	39.4	42.6	44.1	45.0	45.7	46.2	47.0	47.0	47.7	48.0	48.0	48.5	48.5	48.6	48.6
≥ 16000	33.9	39.4	42.6	44.1	45.0	45.7	46.2	47.0	47.0	47.7	48.0	48.0	48.5	48.5	48.6	48.6
≥ 14000	34.1	39.8	43.0	44.5	45.4	46.1	46.6	47.3	47.3	48.1	48.3	48.3	48.8	48.8	48.9	48.9
≥ 12000	36.1	42.0	45.2	46.7	47.6	48.3	48.8	49.6	49.6	50.3	50.6	50.6	51.1	51.1	51.2	51.2
≥ 10000	41.2	47.7	51.4	53.3	54.1	54.9	55.4	56.1	56.1	56.9	57.1	57.1	57.6	57.6	57.7	57.7
≥ 9000	41.2	47.7	51.4	53.3	54.1	54.9	55.4	56.1	56.1	56.9	57.1	57.1	57.6	57.6	57.7	57.7
≥ 8000	44.0	51.2	55.0	56.9	57.8	58.6	59.1	59.8	59.8	60.6	60.8	60.8	61.3	61.3	61.4	61.4
≥ 7000	45.2	52.5	56.5	58.3	59.3	60.1	60.6	61.3	61.3	62.1	62.3	62.3	62.8	62.8	62.9	62.9
≥ 6000	47.5	55.4	59.3	61.4	62.5	63.7	64.2	64.9	64.9	65.6	65.9	65.9	66.4	66.4	66.5	66.5
≥ 5000	49.1	57.6	61.7	63.8	65.0	66.4	67.0	67.7	67.7	68.5	68.7	68.7	69.2	69.2	69.3	69.3
≥ 4500	49.3	58.0	62.1	64.2	65.4	66.7	67.4	68.1	68.1	68.9	69.1	69.1	69.6	69.6	69.7	69.7
≥ 4000	49.8	59.1	63.5	65.6	66.9	68.2	68.9	69.7	69.7	70.5	70.7	70.7	71.2	71.2	71.3	71.3
≥ 3500	50.4	59.7	64.3	66.4	67.6	69.0	69.6	70.5	70.5	71.2	71.4	71.4	71.9	71.9	72.1	72.1
≥ 3000	51.7	61.2	65.9	68.0	69.2	70.6	71.2	72.1	72.1	72.8	73.1	73.1	73.5	73.5	73.7	73.7
≥ 2500	52.9	62.5	67.2	69.3	70.7	72.1	72.7	73.5	73.5	74.3	74.5	74.5	75.0	75.0	75.2	75.2
≥ 2000	54.1	64.3	69.5	71.6	73.1	74.4	75.2	76.0	76.0	76.8	77.0	77.0	77.5	77.5	77.6	77.6
≥ 1800	54.4	64.5	69.7	71.8	73.4	74.8	75.5	76.4	76.4	77.1	77.4	77.4	77.9	77.9	78.0	78.0
≥ 1500	55.1	65.5	71.0	73.3	75.2	76.5	77.3	78.2	78.2	79.0	79.2	79.2	79.7	79.7	79.9	79.9
≥ 1200	55.7	66.4	72.4	75.0	77.3	78.7	79.6	80.8	80.8	81.7	82.0	82.0	82.4	82.4	82.6	82.6
≥ 1000	56.6	67.7	73.9	76.6	79.1	80.6	81.6	83.1	83.1	84.1	84.3	84.3	84.8	84.8	84.9	84.9
≥ 900	56.6	68.2	74.8	77.6	80.2	81.7	83.1	84.5	84.5	85.5	85.8	85.8	86.3	86.3	86.5	86.5
≥ 800	56.9	68.6	75.6	78.6	81.3	83.1	84.9	86.7	86.7	87.8	87.9	87.9	88.5	88.5	88.8	88.8
≥ 700	57.0	68.7	76.4	79.5	82.4	84.4	86.3	88.3	88.3	89.5	89.7	89.7	90.4	90.4	90.6	90.6
≥ 600	57.2	69.5	77.8	80.8	83.9	86.2	88.0	90.2	90.2	91.8	92.2	92.2	93.0	93.0	93.2	93.2
≥ 500	57.2	69.6	77.9	81.2	84.3	86.7	88.6	91.2	91.3	93.1	93.6	93.6	94.3	94.3	94.8	94.8
≥ 400	57.4	69.7	78.2	81.6	84.7	87.0	89.1	91.7	91.8	94.3	95.1	95.1	95.8	95.8	96.5	96.7
≥ 300	57.4	69.8	78.4	81.7	84.8	87.1	89.2	91.8	92.0	94.6	95.3	95.3	96.3	96.3	97.3	97.5
≥ 200	57.4	69.8	78.4	81.7	84.8	87.1	89.4	92.0	92.1	95.1	95.9	95.9	96.9	97.0	98.3	99.1
≥ 100	57.4	69.8	78.4	81.7	84.8	87.1	89.4	92.0	92.1	95.1	95.9	95.9	96.9	97.0	98.6	100.0
≥ 0	57.4	69.8	78.4	81.7	84.8	87.1	89.4	92.0	92.1	95.1	95.9	95.9	96.9	97.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 839



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	41.8	45.4	48.4	49.3	49.8	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	46.4	50.7	54.0	54.8	55.3	55.4	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 18000	46.4	50.7	54.0	54.8	55.3	55.4	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 16000	46.4	50.7	54.0	54.8	55.3	55.4	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 14000	47.2	51.6	54.8	55.7	56.2	56.3	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 12000	48.6	53.2	56.4	57.3	57.8	57.9	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 10000	51.9	57.2	60.5	61.4	62.1	62.3	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
IV 9000	52.2	57.5	60.9	61.8	62.5	62.6	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 8000	55.2	61.5	64.9	65.7	66.5	66.6	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 7000	56.4	62.9	66.2	67.1	67.8	67.9	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 6000	58.2	65.0	68.8	70.0	70.8	70.9	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 5000	59.7	66.5	70.3	71.5	72.3	72.5	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 4500	60.1	67.3	71.2	72.4	73.1	73.4	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 4000	61.9	69.7	73.5	74.9	75.6	75.9	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 3500	62.3	70.2	74.0	75.4	76.1	76.4	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 3000	64.2	72.4	76.2	77.6	78.3	78.6	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 2500	64.6	72.8	76.6	78.1	78.8	79.1	79.2	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 2000	66.3	75.1	79.7	81.3	82.2	82.5	82.7	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 1800	66.3	75.1	79.8	81.4	82.3	82.7	82.8	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 1500	66.8	76.5	81.6	83.3	84.3	84.7	84.8	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1200	69.1	79.1	84.4	86.1	87.1	87.6	87.7	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1000	70.9	82.2	88.1	90.0	91.1	92.0	92.6	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 900	71.2	82.4	88.4	90.2	91.5	92.8	93.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 800	71.3	82.8	89.0	90.8	92.1	93.6	94.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 700	71.7	83.3	89.6	91.5	93.4	94.9	95.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	71.8	83.4	89.7	91.6	93.7	95.3	97.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	71.8	83.4	89.7	91.6	93.7	95.7	97.6	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	71.8	83.4	89.7	91.6	93.7	95.7	97.6	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	71.8	83.4	89.7	91.6	93.7	95.7	97.6	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	71.8	83.4	89.7	91.6	93.7	95.7	97.6	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	71.8	83.4	89.7	91.6	93.7	95.7	97.6	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	71.8	83.4	89.7	91.6	93.7	95.7	97.6	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 808



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	45.2	49.3	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	50.4	55.4	57.3	57.3	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 18000	50.4	55.4	57.3	57.3	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000	50.4	55.4	57.3	57.3	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	51.2	56.1	58.0	58.0	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	53.7	58.6	60.5	60.5	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 10000	56.4	61.9	63.7	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	56.9	62.4	64.2	64.3	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000	59.4	65.5	67.7	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	60.6	67.3	69.6	69.7	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	61.6	68.4	70.8	70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	63.7	71.3	73.7	73.8	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	64.1	71.7	74.0	74.2	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	66.3	74.2	76.6	76.8	77.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3500	67.7	75.5	78.0	78.1	78.5	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3000	70.3	78.4	81.1	81.4	82.0	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	72.2	80.6	83.4	84.0	84.6	84.8	85.1	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	74.9	83.7	86.5	87.1	87.7	88.0	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	75.0	84.0	86.7	87.3	88.0	88.2	88.4	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	77.0	86.8	89.8	90.6	91.4	91.8	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	77.4	87.8	90.9	91.7	92.5	93.3	93.8	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	78.4	89.4	92.9	93.8	94.8	95.5	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	78.4	89.8	93.4	94.4	95.7	96.5	97.0	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	78.5	90.1	94.2	95.2	96.5	97.4	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	78.5	90.2	94.3	95.3	96.8	97.6	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	78.6	90.4	94.5	95.5	97.1	98.1	98.8	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	78.6	90.4	94.5	95.5	97.3	98.4	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	78.6	90.4	94.5	95.5	97.3	98.4	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	78.6	90.4	94.5	95.5	97.3	98.4	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.6	90.4	94.5	95.5	97.3	98.4	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.6	90.4	94.5	95.5	97.3	98.4	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.6	90.4	94.5	95.5	97.3	98.4	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 805



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ 0
NO CEILING	51.4	55.6	55.6	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	57.4	61.8	61.9	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	57.6	62.1	62.2	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	57.8	62.2	62.3	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	58.1	62.5	62.7	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	60.3	64.7	64.9	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	63.0	68.1	68.2	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 9000	63.2	68.2	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	65.6	71.0	71.1	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 7000	67.6	73.2	73.3	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	69.2	75.0	75.2	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 5000	71.7	77.7	78.1	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500	72.0	78.1	78.5	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	74.5	81.4	81.9	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	75.8	82.6	83.2	83.7	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	78.0	85.7	86.3	87.1	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	79.6	88.0	88.6	89.5	90.2	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	80.9	89.6	90.2	91.1	91.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	80.9	89.6	90.2	91.1	91.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	82.0	91.1	91.8	92.8	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	82.4	91.9	92.8	94.2	95.6	96.0	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	83.0	92.8	93.8	95.2	96.7	97.6	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	83.0	92.9	93.9	95.3	96.8	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	83.0	93.0	94.1	95.8	97.3	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	83.1	93.1	94.2	96.0	97.6	98.4	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	83.1	93.1	94.2	96.0	97.6	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	83.1	93.1	94.2	96.0	97.6	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	83.1	93.1	94.2	96.0	97.6	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	83.1	93.1	94.2	96.0	97.6	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	83.1	93.1	94.2	96.0	97.6	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	83.1	93.1	94.2	96.0	97.6	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	83.1	93.1	94.2	96.0	97.6	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 817



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	56.1	62.1	62.3	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	59.7	67.0	67.2	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 18000	59.8	67.2	67.3	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 16000	59.8	67.2	67.3	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 14000	60.3	67.9	68.0	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 12000	61.9	69.5	69.6	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 10000	64.8	73.4	73.5	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 9000	65.4	74.0	74.1	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 8000	67.2	76.0	76.1	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 7000	67.5	76.6	76.7	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 6000	69.2	78.8	78.9	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 5000	71.0	80.6	80.9	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 4500	71.3	81.4	81.6	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4000	73.5	83.8	84.1	85.4	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 3500	74.6	85.2	85.5	86.9	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 3000	76.7	88.2	88.8	90.2	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2500	78.3	90.0	90.6	91.9	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2000	79.0	91.3	91.9	93.3	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1800	79.0	91.3	91.9	93.3	93.8	93.9	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1500	79.4	91.8	92.5	94.0	94.9	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1200	79.7	92.4	93.1	94.7	96.1	96.2	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1000	80.3	93.4	94.4	96.0	97.3	98.0	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	80.3	93.4	94.5	96.1	97.4	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	80.3	93.4	94.5	96.4	97.8	98.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	80.3	93.4	94.5	96.4	97.8	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	80.3	93.4	94.5	96.4	97.8	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	80.3	93.4	94.5	96.4	97.8	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	80.3	93.4	94.5	96.4	97.8	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	80.3	93.4	94.5	96.4	97.8	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	80.3	93.4	94.5	96.4	97.8	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	80.3	93.4	94.5	96.4	97.8	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	80.3	93.4	94.5	96.4	97.8	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 814



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

AWG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.25	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0.01	≥ 0.005
NO CEILING	55.0	62.3	63.7	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	57.7	65.6	67.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	57.7	65.6	67.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	57.7	65.6	67.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	57.9	66.1	67.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	58.8	67.2	68.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	63.0	73.2	75.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 9000	63.1	73.3	75.6	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	64.9	75.3	77.6	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	65.2	75.8	78.4	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	65.8	76.9	79.6	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	67.4	78.6	81.4	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4500	68.0	79.2	82.0	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	69.8	81.4	84.4	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	71.4	83.1	86.2	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	72.9	85.2	88.5	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	74.1	86.8	90.1	91.6	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	74.7	87.5	91.0	92.5	92.9	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	74.9	87.8	91.4	93.0	93.4	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	75.3	88.4	92.1	94.0	94.4	94.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	75.4	88.6	92.7	94.9	95.5	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	75.8	89.4	93.8	96.2	96.8	96.9	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9
≥ 900	75.8	89.4	93.8	96.2	97.1	97.2	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.2
≥ 800	75.9	89.6	94.1	96.7	97.6	97.7	98.4	98.5	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8
≥ 700	75.9	89.6	94.1	96.8	97.7	97.8	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600	75.9	89.6	94.1	96.9	97.9	98.2	99.0	99.1	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 500	75.9	89.6	94.3	97.2	98.2	98.4	99.3	99.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.8
≥ 400	75.9	89.6	94.3	97.2	98.4	98.7	99.5	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	75.9	89.6	94.3	97.2	98.4	98.7	99.5	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	75.9	89.6	94.3	97.2	98.4	98.7	99.5	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	75.9	89.6	94.3	97.2	98.4	98.7	99.5	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
U	75.9	89.6	94.3	97.2	98.4	98.7	99.5	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 816



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726432 LA CROSSE MAP, WI

73-81

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

CEILING FEET	VISIBILITY STATISTICAL															
	200	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING ≥ 20000	47.2	52.5	54.1	54.8	55.3	55.6	55.9	55.9	55.9	56.1	56.2	56.2	56.3	56.3	56.3	56.3
≥ 18000	50.5	56.3	58.1	59.0	59.5	59.8	60.1	60.3	60.3	60.5	60.6	60.6	60.7	60.7	60.7	60.7
≥ 16000	50.6	56.4	58.1	59.0	59.6	59.9	60.2	60.3	60.3	60.5	60.6	60.6	60.7	60.7	60.7	60.7
≥ 14000	51.1	57.0	58.7	59.7	60.2	60.5	60.8	60.9	60.9	61.2	61.2	61.2	61.3	61.3	61.3	61.4
≥ 12000	52.7	58.8	60.5	61.4	62.0	62.2	62.5	62.7	62.7	62.9	63.0	63.0	63.1	63.1	63.1	63.1
≥ 10000	56.4	63.3	65.2	66.2	66.9	67.1	67.5	67.6	67.6	67.9	67.9	67.9	68.0	68.0	68.1	68.1
≥ 9000	56.9	63.7	65.7	66.7	67.3	67.6	67.9	68.1	68.1	68.3	68.4	68.4	68.5	68.5	68.5	68.5
≥ 8000	59.1	66.5	68.6	69.7	70.4	70.7	71.0	71.1	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.6
≥ 7000	60.1	67.7	69.9	71.0	71.7	71.9	72.3	72.4	72.5	72.7	72.8	72.8	72.9	72.9	72.9	72.9
≥ 6000	61.4	69.3	71.6	72.8	73.6	73.9	74.3	74.4	74.4	74.7	74.7	74.7	74.8	74.8	74.9	74.9
≥ 5000	62.9	71.3	73.7	74.9	75.7	76.1	76.4	76.6	76.6	76.9	76.9	76.9	77.0	77.0	77.0	77.1
≥ 4500	63.3	71.7	74.1	75.3	76.2	76.5	76.9	77.1	77.1	77.3	77.4	77.4	77.5	77.5	77.5	77.5
≥ 4000	64.9	73.8	76.3	77.6	78.4	78.8	79.2	79.4	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8
≥ 3500	66.0	74.9	77.5	78.8	79.7	80.1	80.5	80.7	80.7	80.9	81.0	81.0	81.1	81.1	81.1	81.1
≥ 3000	67.7	77.2	79.9	81.2	82.2	82.6	83.1	83.2	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7
≥ 2500	68.9	78.5	81.3	82.7	83.7	84.1	84.6	84.8	84.8	85.1	85.2	85.2	85.3	85.3	85.3	85.3
≥ 2000	70.1	80.2	83.3	84.8	85.9	86.3	86.9	87.1	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.6
≥ 1800	70.3	80.4	83.6	85.1	86.2	86.6	87.2	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9	88.0
≥ 1500	71.1	81.6	85.2	86.7	88.1	88.6	89.1	89.5	89.5	89.8	89.8	89.8	89.9	89.9	89.9	90.0
≥ 1200	71.8	82.7	86.6	88.4	90.0	90.6	91.3	91.7	91.7	92.0	92.0	92.0	92.1	92.1	92.2	92.2
≥ 1000	72.5	83.9	88.2	90.1	91.9	92.6	93.6	94.1	94.1	94.4	94.5	94.5	94.6	94.6	94.6	94.6
≥ 900	72.6	84.1	88.5	90.4	92.3	93.1	94.2	94.7	94.7	95.0	95.2	95.2	95.3	95.3	95.3	95.3
≥ 800	72.7	84.3	88.9	90.9	92.9	93.8	95.0	95.6	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.3
≥ 700	72.7	84.5	89.2	91.2	93.4	94.3	95.7	96.4	96.4	96.7	96.8	96.8	97.0	97.0	97.0	97.0
≥ 600	72.8	84.6	89.5	91.6	93.9	95.0	96.4	97.2	97.2	97.6	97.7	97.7	97.9	97.9	97.9	97.9
≥ 500	72.8	84.7	89.6	91.7	94.0	95.2	96.8	97.6	97.7	98.1	98.3	98.3	98.6	98.6	98.6	98.6
≥ 400	72.8	84.7	89.6	91.8	94.1	95.3	96.9	97.8	97.8	98.3	98.6	98.6	98.9	98.9	99.0	99.0
≥ 300	72.8	84.7	89.6	91.8	94.1	95.3	96.9	97.8	97.8	98.4	98.7	98.7	99.0	99.0	99.2	99.3
≥ 200	72.8	84.7	89.6	91.8	94.1	95.3	96.9	97.8	97.9	98.6	98.8	98.9	99.3	99.3	99.6	99.7
≥ 100	72.8	84.7	89.6	91.8	94.1	95.3	96.9	97.8	97.9	98.6	98.8	98.9	99.3	99.3	99.6	99.9
≥ 0	72.8	84.7	89.6	91.8	94.1	95.3	96.9	97.8	97.9	98.6	98.8	98.9	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6501



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726437

LA CROSSE MAP, WI

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	57.7	60.5	61.6	61.9	62.3	62.3	62.6	63.0	63.0	63.1	63.2	63.2	63.3	63.3	63.3	63.3
≥ 20000	58.4	61.3	62.3	62.7	63.1	63.1	63.3	63.7	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1
IV 18000	58.4	61.3	62.3	62.7	63.1	63.1	63.3	63.7	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1
IV 16000	58.4	61.3	62.3	62.7	63.1	63.1	63.3	63.7	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1
IV 14000	58.5	61.4	62.5	62.8	63.2	63.2	63.5	63.9	63.9	64.0	64.1	64.1	64.2	64.2	64.2	64.2
IV 12000	59.4	62.6	63.6	64.0	64.4	64.4	64.6	65.0	65.0	65.1	65.3	65.3	65.4	65.4	65.4	65.4
IV 10000	63.0	66.8	67.9	68.3	68.7	68.7	69.0	69.3	69.3	69.5	69.6	69.6	69.7	69.7	69.7	69.7
IV 9000	63.7	67.7	68.8	69.2	69.9	69.9	70.1	70.5	70.5	70.6	70.8	70.8	70.9	70.9	70.9	70.9
IV 8000	66.8	71.0	72.3	72.7	73.6	73.6	73.8	74.2	74.2	74.3	74.5	74.5	74.6	74.6	74.6	74.6
IV 7000	67.9	72.3	73.6	73.9	74.8	74.8	75.1	75.5	75.5	75.6	75.7	75.7	75.9	75.9	75.9	75.9
IV 6000	69.0	73.7	75.0	75.4	76.2	76.2	76.5	76.9	76.9	77.0	77.1	77.1	77.3	77.3	77.3	77.3
IV 5000	69.9	74.7	76.0	76.5	77.4	77.4	77.7	78.0	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.4
IV 4500	71.1	76.1	77.4	77.9	78.8	78.8	79.1	79.4	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8
IV 4000	72.5	78.7	80.2	80.7	81.6	81.6	81.9	82.2	82.2	82.4	82.5	82.5	82.6	82.6	82.6	82.6
IV 3500	72.7	78.9	80.5	81.0	81.9	81.9	82.1	82.5	82.5	82.6	82.8	82.8	82.9	82.9	82.9	82.9
IV 3000	73.9	80.6	82.1	82.6	83.7	83.7	83.9	84.3	84.3	84.4	84.5	84.5	84.7	84.7	84.7	84.7
IV 2500	74.7	82.4	84.0	84.5	85.8	85.8	86.1	86.5	86.5	86.6	86.7	86.7	86.8	86.8	86.8	86.8
IV 2000	76.1	84.2	86.0	86.5	87.7	87.7	88.4	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1
IV 1800	76.2	84.9	86.7	87.2	88.5	88.5	89.1	89.5	89.5	89.7	89.8	89.8	89.9	89.9	89.9	89.9
IV 1500	76.9	87.0	89.3	89.9	91.3	91.3	92.0	92.3	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7
IV 1200	77.9	88.1	90.7	91.4	93.4	93.4	94.1	94.6	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.0
IV 1000	78.0	88.8	91.7	93.1	95.0	95.0	95.9	96.4	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8
IV 900	78.2	88.9	92.0	93.5	95.4	95.4	96.4	96.9	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3
IV 800	78.2	89.1	92.5	94.0	95.9	95.9	97.2	97.7	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1
IV 700	78.2	89.1	92.5	94.0	95.9	95.9	97.2	97.7	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1
IV 600	78.3	89.4	92.7	94.3	96.6	96.6	97.8	98.3	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7
IV 500	78.3	89.4	92.7	94.3	96.6	96.6	97.8	98.3	98.3	98.6	98.7	98.7	98.9	98.9	98.9	98.9
IV 400	78.3	89.4	92.7	94.3	96.6	96.6	97.8	98.3	98.3	98.6	98.7	98.7	98.9	98.9	98.9	98.9
IV 300	78.3	89.4	92.7	94.3	96.6	96.6	97.8	98.3	98.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0
IV 200	78.3	89.4	92.7	94.3	96.7	96.7	98.1	98.6	98.6	99.0	99.2	99.2	99.4	99.4	99.4	99.4
IV 100	78.3	89.4	92.7	94.3	96.7	96.7	98.1	98.6	98.6	99.0	99.2	99.2	99.4	99.7	99.7	99.7
IV 0	78.3	89.4	92.7	94.3	96.7	96.7	98.1	98.6	98.6	99.0	99.2	99.2	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 783

USAF ETAC

FORM 10-64

D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726437 LA CROSSE MAP, WI

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 0
NO CEILING	48.6	53.1	53.8	54.3	54.9	54.9	55.4	55.4	55.4	56.0	56.2	56.2	56.7	56.7	56.7
≥ 20000	50.1	54.8	55.4	55.9	56.5	56.5	57.1	57.2	57.2	57.8	57.9	57.9	58.4	58.4	58.4
IV 18000	50.1	54.8	55.4	55.9	56.5	56.5	57.1	57.2	57.2	57.8	57.9	57.9	58.4	58.4	58.4
IV 16000	50.3	54.9	55.5	56.0	56.7	56.7	57.2	57.3	57.3	57.9	58.1	58.1	58.6	58.6	58.6
IV 14000	50.4	55.2	55.8	56.3	56.9	56.9	57.4	57.6	57.6	58.2	58.3	58.3	58.8	58.8	58.8
IV 12000	51.1	56.0	56.7	57.2	57.8	57.8	58.3	58.4	58.4	59.1	59.2	59.2	59.7	59.7	59.7
IV 10000	54.8	60.2	61.0	61.5	62.1	62.1	62.7	62.8	62.8	63.5	63.6	63.6	64.1	64.1	64.1
IV 9000	55.0	60.5	61.3	62.0	62.6	62.6	63.2	63.4	63.4	64.0	64.1	64.1	64.6	64.6	64.6
IV 8000	56.5	62.1	63.1	63.7	64.4	64.4	65.0	65.1	65.1	65.7	65.9	65.9	66.4	66.4	66.4
IV 7000	57.4	63.0	64.0	64.6	65.2	65.2	65.9	66.0	66.0	66.6	66.8	66.8	67.3	67.3	67.3
IV 6000	58.8	64.6	65.6	66.2	66.9	66.9	67.5	67.6	67.6	68.3	68.4	68.4	68.9	68.9	68.9
IV 5000	60.2	66.1	67.1	67.8	68.4	68.4	69.0	69.1	69.1	69.8	69.9	69.9	70.4	70.4	70.4
IV 4500	61.0	67.1	68.1	68.8	69.4	69.4	70.0	70.2	70.2	70.8	70.9	70.9	71.4	71.4	71.4
IV 4000	62.0	69.0	70.2	70.9	71.5	71.5	72.2	72.3	72.3	72.9	73.0	73.0	73.6	73.6	73.6
IV 3500	62.7	70.5	71.7	72.4	73.0	73.0	73.8	73.9	73.9	74.6	74.7	74.7	75.2	75.2	75.2
IV 3000	63.7	71.8	72.9	73.8	74.4	74.4	75.2	75.3	75.3	75.9	76.1	76.1	76.6	76.6	76.6
IV 2500	64.1	72.8	73.9	75.2	75.8	75.8	76.6	76.7	76.7	77.3	77.5	77.5	78.0	78.0	78.0
IV 2000	65.4	74.7	75.8	77.3	78.0	78.0	78.8	78.8	78.8	79.5	79.6	79.6	80.1	80.1	80.1
IV 1800	65.7	75.3	76.4	78.0	78.6	78.6	79.3	79.5	79.5	80.1	80.2	80.2	80.7	80.7	80.7
IV 1500	67.1	78.6	80.1	81.6	82.4	82.4	83.2	83.4	83.4	84.0	84.1	84.1	84.6	84.6	84.6
IV 1200	68.5	80.9	82.6	84.4	85.4	85.4	86.4	86.6	86.6	87.4	87.5	87.5	88.0	88.0	88.0
IV 1000	68.9	82.1	84.0	86.6	88.2	88.2	89.3	89.5	89.5	90.3	90.4	90.4	90.9	90.9	90.9
IV 900	69.3	82.5	84.4	87.0	88.7	88.7	89.8	90.1	90.1	90.8	90.9	90.9	91.4	91.4	91.4
IV 800	69.5	83.4	85.6	88.4	90.3	90.3	91.7	91.9	91.9	92.8	92.9	92.9	93.5	93.5	93.5
IV 700	69.5	83.5	85.8	88.5	90.6	90.6	92.3	92.6	92.6	93.5	93.6	93.6	94.1	94.1	94.1
IV 600	69.6	83.8	86.1	88.9	90.9	91.2	92.8	93.1	93.1	94.1	94.2	94.2	94.7	94.7	94.7
IV 500	69.6	83.8	86.3	89.0	91.4	91.7	93.6	93.8	93.8	94.8	95.2	95.2	95.7	95.7	95.7
IV 400	69.6	83.9	86.4	89.2	91.6	91.8	93.7	94.0	94.0	95.0	95.3	95.3	96.0	96.0	96.0
IV 300	69.6	83.9	86.4	89.2	91.6	91.8	93.7	94.0	94.0	95.0	95.3	95.3	96.1	96.1	96.1
IV 200	69.6	83.9	86.4	89.2	91.6	91.8	93.8	94.1	94.1	95.1	95.6	95.6	96.7	96.7	96.7
IV 100	69.6	83.9	86.4	89.2	91.6	91.8	94.0	94.2	94.2	95.3	96.0	96.1	97.5	97.5	97.5
IV 0	69.6	83.9	86.4	89.2	91.6	91.8	94.0	94.2	94.2	95.3	96.0	96.1	97.5	97.7	98.5

TOTAL NUMBER OF OBSERVATIONS 794



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	37.6	43.1	44.3	45.1	45.4	45.5	45.6	45.9	45.9	46.3	46.7	46.7	47.0	47.0	47.5	47.7
≥ 20000	38.8	44.5	45.6	46.7	47.0	47.2	47.3	47.7	47.7	48.0	48.4	48.4	48.8	48.8	49.3	49.4
IN 18000	38.8	44.5	45.6	46.7	47.0	47.2	47.3	47.7	47.7	48.0	48.4	48.4	48.8	48.8	49.3	49.4
IN 16000	38.8	44.5	45.6	46.7	47.0	47.2	47.3	47.7	47.7	48.0	48.4	48.4	48.8	48.8	49.3	49.4
IN 14000	39.2	44.9	46.0	47.0	47.4	47.5	47.7	48.0	48.0	48.4	48.8	48.8	49.2	49.2	49.7	49.8
IN 12000	40.1	45.8	46.9	47.9	48.4	48.5	48.7	49.1	49.1	49.4	49.8	49.8	50.2	50.2	50.7	50.8
IN 10000	44.6	50.4	51.6	52.7	53.2	53.3	53.5	53.8	53.8	54.2	54.6	54.6	55.0	55.0	55.5	55.7
IN 9000	45.9	51.8	53.0	54.1	54.6	54.7	54.9	55.2	55.2	55.6	56.0	56.0	56.4	56.4	56.9	57.1
IN 8000	47.2	53.2	54.6	55.7	56.2	56.4	56.5	56.9	56.9	57.3	57.6	57.6	58.0	58.0	58.5	58.8
IN 7000	48.3	54.6	56.0	57.1	57.6	57.8	57.9	58.3	58.3	58.6	59.0	59.0	59.4	59.4	59.9	60.2
IN 6000	49.6	55.9	57.3	58.4	58.9	59.0	59.1	59.5	59.5	59.9	60.3	60.3	60.7	60.7	61.2	61.4
IN 5000	50.7	57.1	58.5	59.8	60.3	60.4	60.5	60.9	60.9	61.3	61.7	61.7	62.0	62.0	62.5	62.8
IN 4500	50.7	57.3	58.9	60.2	60.7	60.8	60.9	61.3	61.3	61.7	62.0	62.0	62.4	62.4	62.9	63.2
IN 4000	52.8	60.0	62.0	63.3	63.8	63.9	64.1	64.4	64.4	64.8	65.2	65.2	65.6	65.6	66.1	66.3
IN 3500	54.0	61.3	63.3	64.6	65.1	65.2	65.3	65.7	65.7	66.1	66.5	66.5	66.8	66.8	67.3	67.6
IN 3000	54.6	62.4	64.7	66.0	66.6	66.7	67.1	67.5	67.5	67.8	68.2	68.2	68.6	68.6	69.1	69.4
IN 2500	56.1	64.1	66.6	67.8	68.5	68.6	69.0	69.4	69.4	69.7	70.1	70.1	70.5	70.5	71.0	71.2
IN 2000	58.3	67.1	69.6	71.2	71.9	72.0	72.4	72.9	72.9	73.4	73.8	73.8	74.1	74.1	74.7	74.9
IN 1800	58.5	67.5	70.0	71.6	72.4	72.5	72.9	73.4	73.4	73.9	74.3	74.3	74.7	74.7	75.2	75.4
IN 1500	60.9	70.4	73.0	74.9	75.8	76.0	76.4	76.9	76.9	77.4	77.8	77.8	78.2	78.2	78.7	78.9
IN 1200	63.1	73.4	76.2	78.3	79.3	79.7	80.2	80.7	80.7	81.2	81.6	81.6	82.0	82.0	82.5	82.7
IN 1000	64.2	74.8	77.7	79.8	80.8	81.2	81.8	82.3	82.3	82.8	83.2	83.2	83.6	83.6	84.1	84.4
IN 900	64.4	75.7	78.6	80.8	82.0	82.5	83.1	83.6	83.6	84.5	84.9	84.9	85.2	85.2	85.8	86.0
IN 800	64.8	76.5	79.7	82.0	83.5	84.2	85.5	86.1	86.1	87.0	87.4	87.4	87.8	87.8	88.3	88.7
IN 700	64.9	76.8	79.9	82.2	84.4	85.4	86.6	87.3	87.3	88.3	88.7	88.7	89.0	89.0	89.5	89.9
IN 600	64.9	76.8	80.1	82.3	84.5	85.5	87.3	87.9	87.9	88.9	89.3	89.3	89.7	89.7	90.2	90.5
IN 500	65.2	77.3	80.8	83.2	85.6	86.8	89.2	89.9	89.9	91.2	91.7	91.7	92.1	92.1	92.6	93.1
IN 400	65.3	77.4	81.0	83.4	85.8	87.1	89.7	90.5	90.5	91.8	92.7	92.7	93.2	93.2	93.9	94.5
IN 300	65.3	77.4	81.0	83.4	85.8	87.1	89.8	90.7	90.7	92.3	93.2	93.2	94.1	94.1	95.3	96.2
IN 200	65.3	77.4	81.0	83.4	85.8	87.1	89.8	90.7	90.7	92.3	93.7	93.7	95.0	95.2	96.8	98.2
IN 100	65.3	77.4	81.0	83.4	85.8	87.1	89.8	90.7	90.7	92.3	93.8	93.8	95.2	95.5	97.5	99.1
IN U	65.3	77.4	81.0	83.4	85.8	87.1	89.8	90.7	90.7	92.3	93.8	93.8	95.2	95.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 793



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	45.2	49.5	49.9	50.5	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1
≥ 20000	49.4	53.8	54.2	54.8	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	49.5	53.9	54.3	54.9	55.3	55.3	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	49.5	53.9	54.3	54.9	55.3	55.3	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000	49.5	54.0	54.4	55.1	55.4	55.4	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	50.0	54.5	54.9	55.6	55.9	55.9	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 10000	52.0	57.2	57.6	58.3	58.7	58.7	58.8	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	53.0	58.2	58.6	59.3	59.7	59.7	59.8	59.8	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	54.3	59.7	60.5	61.2	61.6	61.6	61.7	61.7	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	55.3	60.7	61.5	62.2	62.6	62.6	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9
≥ 6000	57.1	62.9	63.6	64.4	64.8	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0
≥ 5000	57.7	63.9	64.6	65.4	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0
≥ 4500	57.7	64.3	65.0	65.8	66.2	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4000	60.1	67.6	68.4	69.2	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3500	60.9	68.3	69.2	69.9	70.3	70.3	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3000	63.5	71.1	72.2	73.0	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6
≥ 2500	64.9	72.6	73.9	74.7	75.1	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2000	67.7	76.0	77.3	78.4	78.8	79.0	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1800	69.2	77.7	79.2	80.4	80.8	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	71.5	79.9	81.6	82.8	83.5	83.7	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	74.6	84.1	86.4	87.8	88.4	88.6	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1000	77.1	87.2	89.6	91.3	92.0	92.7	92.8	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	77.7	87.9	90.4	92.3	93.2	93.9	94.1	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	77.9	88.6	91.3	93.2	94.1	95.2	95.3	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	78.0	89.3	91.9	93.8	94.9	96.1	96.3	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	78.0	89.3	92.0	93.9	95.3	96.5	97.0	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 500	78.0	89.5	92.4	94.4	95.8	97.1	97.7	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	78.0	89.5	92.4	94.4	95.8	97.1	97.7	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300	78.2	89.6	92.6	94.6	96.0	97.2	98.0	99.2	99.2	99.3	99.5	99.7	99.7	100.0	100.0	100.0
≥ 200	78.2	89.6	92.6	94.6	96.0	97.2	98.0	99.2	99.2	99.3	99.5	99.7	99.7	100.0	100.0	100.0
≥ 100	78.2	89.6	92.6	94.6	96.0	97.2	98.0	99.2	99.2	99.3	99.5	99.7	99.7	100.0	100.0	100.0
≥ 0	78.2	89.6	92.6	94.6	96.0	97.2	98.0	99.2	99.2	99.3	99.5	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 792



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

72643C  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	47.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	51.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 18000	51.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 16000	51.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 14000	51.4	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 12000	52.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 10000	55.1	58.9	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 9000	55.8	59.7	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 8000	57.1	61.3	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 7000	58.0	62.1	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 6000	60.1	64.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 5000	62.3	66.5	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 4500	62.9	67.4	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 4000	66.8	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 3500	68.2	73.2	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 3000	70.9	76.5	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 2500	74.1	79.7	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 2000	78.0	84.5	85.0	85.2	85.2	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 1800	79.2	85.8	86.3	86.4	86.4	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1500	82.4	89.2	89.8	89.9	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1200	84.8	92.2	93.1	93.2	93.5	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000	86.2	94.1	95.2	95.5	95.8	96.0	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 900	86.3	94.2	95.5	95.7	96.1	96.2	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 800	86.5	94.6	96.0	96.2	96.7	97.0	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	86.7	95.0	96.6	97.1	97.6	98.0	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	86.7	95.0	96.6	97.1	97.9	98.2	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	86.7	95.1	96.7	97.2	98.0	98.4	98.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	86.7	95.1	96.7	97.2	98.0	98.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	86.7	95.1	96.7	97.2	98.0	98.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	86.7	95.1	96.7	97.2	98.0	98.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	86.7	95.1	96.7	97.2	98.0	98.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	86.7	95.1	96.7	97.2	98.0	98.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 795



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .025	≥ .01
NO CEILING	48.4	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 18000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 16000	53.0	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 14000	53.4	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 12000	54.7	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 10000	58.5	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 9000	59.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 8000	60.7	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 7000	61.8	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 6000	64.7	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 5000	68.9	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 4500	69.5	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4000	74.0	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 3500	75.2	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 3000	78.5	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 2500	81.0	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 2000	86.0	90.0	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1800	86.7	90.8	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1500	88.5	92.9	94.1	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1200	89.5	94.4	95.6	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	90.1	95.6	97.0	97.7	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	90.1	95.6	97.0	98.0	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	90.1	95.6	97.0	98.1	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	90.1	95.8	97.2	98.4	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	90.1	96.0	97.3	98.5	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	90.1	96.0	97.3	98.5	99.0	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.1	96.0	97.3	98.5	99.0	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.1	96.0	97.3	98.5	99.0	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.1	96.0	97.3	98.5	99.0	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.1	96.0	97.3	98.5	99.0	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.1	96.0	97.3	98.5	99.0	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

SEP  
MO

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING ≥ 20000	55.6	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 18000	60.4	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 16000	60.4	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 14000	60.9	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	62.3	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 10000	66.2	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	66.5	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	70.4	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	71.8	75.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000	74.2	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	76.7	80.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	77.0	81.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	79.1	83.5	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	80.4	84.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	81.6	86.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	83.4	88.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	85.4	90.8	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	85.7	91.2	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	86.7	92.8	94.5	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	87.3	93.6	96.1	97.0	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	87.3	93.7	96.2	97.2	97.9	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	87.4	93.8	96.4	97.4	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	87.4	93.8	96.7	97.7	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	87.4	93.8	96.7	98.0	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	87.5	94.0	96.9	98.1	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	87.5	94.0	96.9	98.1	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.5	94.0	96.9	98.1	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.5	94.0	96.9	98.1	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.5	94.0	96.9	98.1	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.5	94.0	96.9	98.1	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.5	94.0	96.9	98.1	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 795



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS, LST

CEILING, FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	57.2	60.7	61.6	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	59.8	63.7	64.6	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	59.8	63.7	64.6	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	59.8	63.7	64.6	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	59.9	63.9	64.7	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	61.0	65.0	65.9	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	65.9	70.7	71.5	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	66.2	71.0	71.9	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 8000	70.5	75.3	76.2	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	71.3	76.2	77.1	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	72.2	78.1	79.0	79.6	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	73.6	79.7	80.9	81.6	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	74.2	80.6	82.1	82.9	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4000	75.9	83.2	84.8	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	76.4	84.1	85.6	86.5	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	78.2	86.4	88.2	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	79.1	88.0	89.9	90.8	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	81.0	90.1	92.3	93.2	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	81.9	91.1	93.3	94.5	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	82.4	91.6	94.3	95.5	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	82.5	91.8	94.6	96.0	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	82.9	92.2	95.1	96.6	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	83.2	92.9	95.8	97.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	83.4	93.1	96.0	97.5	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	83.4	93.1	96.0	97.6	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	83.4	93.1	96.0	97.7	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	83.4	93.1	96.0	97.7	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	83.4	93.1	96.0	97.7	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	83.4	93.1	96.0	97.7	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	83.4	93.1	96.0	97.7	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	83.4	93.1	96.0	97.7	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	83.4	93.1	96.0	97.7	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 794



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING ≥ 20000	49.7	53.1	53.7	54.1	54.3	54.3	54.4	54.5	54.5	54.7	54.8	54.8	54.9	54.9	55.0	55.0
IV 18000	52.6	56.3	56.9	57.3	57.5	57.5	57.6	57.8	57.8	57.9	58.0	58.0	58.1	58.1	58.2	58.2
IV 16000	52.7	56.3	56.9	57.3	57.5	57.6	57.7	57.8	57.9	58.0	58.0	58.0	58.1	58.2	58.2	58.2
IV 14000	52.9	56.5	57.2	57.6	57.8	57.8	57.9	58.1	58.1	58.2	58.3	58.3	58.4	58.4	58.5	58.5
IV 12000	53.9	57.6	58.2	58.6	58.9	58.9	59.0	59.1	59.1	59.3	59.4	59.4	59.5	59.5	59.6	59.6
IV 10000	57.5	61.7	62.4	62.9	63.1	63.1	63.3	63.4	63.4	63.5	63.6	63.6	63.7	63.7	63.8	63.8
IV 9000	58.2	62.5	63.2	63.6	63.9	63.9	64.1	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.6	64.6
IV 8000	60.4	64.9	65.7	66.1	66.4	66.5	66.6	66.7	66.7	66.9	67.0	67.0	67.1	67.1	67.2	67.2
IV 7000	61.5	66.0	66.8	67.3	67.6	67.6	67.7	67.9	67.9	68.0	68.1	68.1	68.2	68.2	68.3	68.3
IV 6000	63.2	68.1	69.0	69.4	69.8	69.8	69.9	70.0	70.0	70.2	70.3	70.3	70.4	70.4	70.5	70.5
IV 5000	65.0	70.0	70.9	71.4	71.8	71.8	72.0	72.1	72.1	72.2	72.3	72.3	72.4	72.4	72.5	72.5
IV 4500	65.5	70.7	71.7	72.2	72.6	72.6	72.7	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.3	73.3
IV 4000	67.9	73.8	74.9	75.4	75.8	75.8	76.0	76.1	76.1	76.2	76.3	76.3	76.4	76.4	76.5	76.5
IV 3500	68.8	74.9	76.0	76.6	76.9	76.9	77.1	77.2	77.2	77.4	77.4	77.4	77.6	77.6	77.6	77.7
IV 3000	70.6	77.1	78.4	79.0	79.3	79.4	79.6	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.1	80.1
IV 2500	72.2	79.0	80.4	81.0	81.5	81.5	81.7	81.8	81.8	82.0	82.1	82.1	82.2	82.2	82.3	82.3
IV 2000	74.7	82.2	83.6	84.5	84.9	85.0	85.2	85.4	85.4	85.5	85.6	85.6	85.8	85.8	85.8	85.8
IV 1800	75.4	83.0	84.5	85.4	85.8	85.9	86.2	86.3	86.3	86.5	86.6	86.6	86.7	86.7	86.8	86.8
IV 1500	77.0	85.3	87.1	88.0	88.6	88.7	89.0	89.1	89.1	89.3	89.4	89.4	89.5	89.5	89.6	89.6
IV 1200	78.5	87.3	89.4	90.5	91.3	91.5	91.8	92.0	92.0	92.2	92.3	92.3	92.4	92.4	92.5	92.5
IV 1000	79.3	88.6	90.8	92.2	93.2	93.4	93.8	94.1	94.1	94.3	94.4	94.4	94.5	94.5	94.6	94.6
IV 900	79.6	88.9	91.2	92.8	93.8	94.0	94.5	94.8	94.8	95.0	95.1	95.1	95.2	95.2	95.3	95.3
IV 800	79.7	89.3	91.8	93.4	94.5	94.9	95.5	95.9	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.4
IV 700	79.8	89.6	92.1	93.7	95.0	95.4	96.1	96.5	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.1
IV 600	79.8	89.6	92.2	93.9	95.3	95.7	96.5	97.0	97.0	97.2	97.3	97.3	97.5	97.5	97.5	97.6
IV 500	79.9	89.8	92.4	94.1	95.5	96.1	97.0	97.5	97.5	97.9	98.0	98.0	98.2	98.2	98.3	98.3
IV 400	79.9	89.8	92.4	94.1	95.6	96.1	97.1	97.6	97.6	98.0	98.2	98.2	98.4	98.4	98.5	98.6
IV 300	79.9	89.8	92.4	94.1	95.6	96.1	97.1	97.7	97.7	98.1	98.4	98.4	98.6	98.6	98.8	98.9
IV 200	79.9	89.8	92.4	94.1	95.6	96.1	97.2	97.7	97.7	98.2	98.5	98.5	98.9	98.9	99.2	99.4
IV 100	79.9	89.8	92.4	94.1	95.6	96.1	97.2	97.7	97.7	98.2	98.6	98.6	99.0	99.1	99.5	99.7
IV 0	79.9	89.8	92.4	94.1	95.6	96.1	97.2	97.7	97.7	98.2	98.6	98.6	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6117



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

QCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	55.5	57.2	57.8	57.8	58.4	58.4	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	59.2
≥ 20000	57.4	59.2	59.8	59.8	60.4	60.4	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9	61.1
IV 18000	57.8	59.5	60.1	60.1	60.8	60.8	61.0	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.5
IV 16000	57.8	59.5	60.1	60.1	60.8	60.8	61.0	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.5
IV 14000	58.3	60.5	61.1	61.1	61.7	61.7	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.5
IV 12000	59.3	61.5	62.1	62.1	62.7	62.7	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.5
IV 10000	62.7	65.4	66.1	66.1	66.8	66.8	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.5
IV 9000	62.7	65.4	66.1	66.1	66.8	66.8	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.5
IV 8000	64.0	66.7	67.3	67.3	68.4	68.4	68.6	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.1
IV 7000	66.4	69.1	69.7	69.7	70.8	70.8	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.6
IV 6000	69.0	71.7	72.3	72.3	73.4	73.4	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.2
IV 5000	70.6	73.3	73.9	74.2	75.4	75.4	75.6	75.8	75.8	75.8	75.9	75.9	75.9	75.9	76.1
IV 4500	71.8	74.5	75.2	75.4	76.6	76.6	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.4
IV 4000	73.7	76.5	77.1	77.4	78.6	78.6	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.3
IV 3500	76.0	79.6	80.6	80.8	82.0	82.0	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.8
IV 3000	78.1	82.0	83.0	83.4	84.7	84.7	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.5
IV 2500	79.5	83.9	85.1	85.5	86.8	86.8	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.6
IV 2000	80.6	85.2	86.7	87.1	88.4	88.4	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	89.2
IV 1800	80.7	85.5	87.1	87.5	88.8	88.8	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.5
IV 1500	81.1	86.3	88.9	89.4	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.0
IV 1200	81.8	87.5	90.8	91.6	93.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.7
IV 1000	82.2	88.2	91.9	92.9	95.6	95.7	95.9	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.9
IV 900	82.3	88.6	92.4	93.7	96.6	96.8	97.0	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.9
IV 800	82.3	88.7	92.5	94.0	96.8	97.0	97.3	97.4	97.7	97.7	97.8	97.8	97.8	97.8	98.2
IV 700	82.3	88.7	92.5	94.0	96.9	97.2	97.4	97.5	97.8	97.8	97.9	97.9	97.9	97.9	98.4
IV 600	82.3	88.8	92.9	94.6	97.5	97.8	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.6	99.0
IV 500	82.3	88.8	92.9	94.6	97.5	97.8	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.6	99.1
IV 400	82.3	88.8	92.9	94.6	97.5	97.8	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.6	99.1
IV 300	82.3	88.8	92.9	94.6	97.7	97.9	98.3	98.4	98.6	98.6	98.9	98.9	98.9	98.9	99.4
IV 200	82.3	88.8	92.9	94.6	97.7	97.9	98.3	98.4	98.6	98.6	98.9	98.9	98.9	98.9	99.4
IV 100	82.3	88.8	92.9	94.6	97.7	97.9	98.3	98.4	98.6	98.6	98.9	98.9	98.9	98.9	99.4
IV 0	82.3	88.8	92.9	94.6	97.7	97.9	98.3	98.4	98.6	98.6	98.9	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 813



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

QCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	51.3	54.1	54.2	54.7	54.9	55.0	55.7	55.7	55.7	55.9	55.9	55.9	56.1	56.1	56.1	56.1
≥ 20000	53.1	55.9	56.0	56.5	56.7	56.9	57.5	57.5	57.5	57.7	57.7	57.7	58.0	58.0	58.0	58.0
IV 18000	53.2	56.0	56.1	56.6	56.9	57.0	57.6	57.6	57.6	57.8	57.8	57.8	58.1	58.1	58.1	58.1
IV 16000	53.2	56.0	56.1	56.6	56.9	57.0	57.6	57.6	57.6	57.8	57.8	57.8	58.1	58.1	58.1	58.1
IV 14000	54.4	58.0	58.1	58.6	58.8	58.9	59.5	59.5	59.5	59.8	59.8	59.8	60.0	60.0	60.0	60.0
IV 12000	55.0	58.6	58.7	59.2	59.4	59.5	60.1	60.1	60.1	60.4	60.4	60.4	60.6	60.6	60.6	60.6
IV 10000	57.7	61.4	61.6	62.1	62.3	62.5	63.1	63.1	63.1	63.3	63.3	63.3	63.5	63.5	63.5	63.5
IV 9000	58.8	62.5	62.7	63.2	63.4	63.5	64.2	64.2	64.2	64.4	64.4	64.4	64.6	64.6	64.6	64.6
IV 8000	60.4	64.0	64.3	64.9	65.2	65.5	66.1	66.1	66.1	66.3	66.3	66.3	66.6	66.6	66.6	66.6
IV 7000	62.3	66.0	66.2	66.8	67.2	67.4	68.0	68.0	68.0	68.3	68.3	68.3	68.5	68.5	68.5	68.5
IV 6000	64.0	67.8	68.3	68.9	69.3	69.5	70.1	70.1	70.1	70.4	70.4	70.4	70.6	70.6	70.6	70.6
IV 5000	66.2	70.2	70.7	71.3	71.7	71.9	72.5	72.5	72.5	72.8	72.8	72.8	73.0	73.0	73.0	73.0
IV 4500	67.3	71.3	71.8	72.4	72.8	73.0	73.6	73.6	73.6	73.9	73.9	73.9	74.1	74.1	74.1	74.1
IV 4000	70.4	74.8	75.3	75.9	76.3	76.5	77.2	77.2	77.2	77.4	77.4	77.4	77.6	77.6	77.6	77.6
IV 3500	72.1	76.7	77.2	77.8	78.1	78.4	79.0	79.0	79.0	79.2	79.2	79.2	79.5	79.5	79.5	79.5
IV 3000	74.2	79.1	79.7	80.3	80.7	80.9	81.5	81.5	81.5	81.8	81.8	81.8	82.0	82.0	82.0	82.0
IV 2500	76.3	81.3	82.1	82.7	83.1	83.4	84.0	84.0	84.0	84.2	84.2	84.2	84.4	84.4	84.4	84.4
IV 2000	78.0	83.4	84.6	85.2	85.5	85.8	86.4	86.4	86.4	86.6	86.6	86.6	86.9	86.9	86.9	86.9
IV 1800	78.3	83.6	84.8	85.4	85.8	86.0	86.6	86.6	86.6	86.9	86.9	86.9	87.1	87.1	87.1	87.1
IV 1500	79.0	84.7	86.3	87.4	88.0	88.2	88.8	88.8	88.8	89.1	89.1	89.1	89.3	89.3	89.3	89.3
IV 1200	79.6	86.1	88.1	89.8	90.4	90.8	91.5	91.9	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.3
IV 1000	79.6	86.6	89.3	91.3	92.3	92.7	93.6	93.9	93.9	94.2	94.2	94.2	94.4	94.4	94.4	94.4
IV 900	79.6	87.1	90.3	92.3	93.6	93.9	94.9	95.3	95.3	95.6	95.6	95.6	95.9	95.9	95.9	95.9
IV 800	79.6	87.1	90.5	92.6	94.2	94.7	95.6	96.0	96.0	96.4	96.4	96.4	96.6	96.6	96.6	96.6
IV 700	79.6	87.4	90.9	93.0	94.7	95.1	96.2	96.6	96.6	97.0	97.0	97.0	97.2	97.2	97.2	97.2
IV 600	79.6	87.4	90.9	93.0	94.7	95.1	96.2	96.6	96.6	97.0	97.0	97.0	97.2	97.2	97.2	97.2
IV 500	79.6	87.4	90.9	93.0	94.7	95.1	96.5	96.8	96.8	97.2	97.2	97.2	97.4	97.4	97.4	97.4
IV 400	79.6	87.4	90.9	93.0	94.8	95.3	96.7	97.1	97.1	97.8	97.8	97.8	98.2	98.2	98.2	98.2
IV 300	79.6	87.4	90.9	93.0	94.8	95.3	96.7	97.1	97.1	97.8	97.8	97.8	98.3	98.3	98.3	98.3
IV 200	79.6	87.4	90.9	93.0	94.8	95.3	96.7	97.1	97.1	97.8	97.8	97.8	98.3	98.3	98.4	98.5
IV 100	79.6	87.4	90.9	93.0	94.8	95.3	96.7	97.1	97.1	97.8	97.8	97.8	98.3	98.3	98.4	99.0
IV 0	79.6	87.4	90.9	93.0	94.8	95.3	96.7	97.1	97.1	97.8	97.8	97.8	98.3	98.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 823



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	42.2	45.4	46.1	46.4	47.1	47.1	47.4	47.4	47.4	47.4	47.9	48.2	48.2	48.3	48.3	48.7
≥ 20000	44.9	48.7	49.5	49.9	50.6	50.6	51.0	51.0	51.0	51.5	51.7	51.7	51.7	51.8	51.8	52.2
≥ 18000	44.9	48.7	49.5	49.9	50.6	50.6	51.0	51.0	51.0	51.5	51.7	51.7	51.7	51.8	51.8	52.2
≥ 16000	44.9	48.7	49.5	49.9	50.6	50.6	51.0	51.0	51.0	51.5	51.7	51.7	51.7	51.8	51.8	52.2
≥ 14000	46.4	50.4	51.2	51.6	52.4	52.4	52.8	52.8	52.8	53.3	53.5	53.5	53.5	53.6	53.6	54.0
≥ 12000	47.8	52.1	52.9	53.3	54.1	54.1	54.5	54.5	54.5	55.0	55.2	55.2	55.2	55.4	55.4	55.7
≥ 10000	51.7	56.4	57.3	57.7	58.5	58.5	58.9	58.9	58.9	59.4	59.6	59.6	59.6	59.7	59.7	60.1
≥ 9000	52.2	56.9	57.8	58.2	59.0	59.0	59.4	59.4	59.4	59.9	60.1	60.1	60.1	60.2	60.2	60.6
≥ 8000	54.4	59.4	60.2	60.6	61.4	61.4	61.8	61.8	61.8	62.3	62.5	62.5	62.5	62.7	62.7	63.0
≥ 7000	56.6	61.8	62.7	63.0	63.9	63.9	64.4	64.4	64.4	64.8	65.1	65.1	65.1	65.2	65.2	65.6
≥ 6000	57.8	63.1	64.0	64.4	65.2	65.2	65.7	65.7	65.7	66.2	66.4	66.4	66.4	66.5	66.5	66.9
≥ 5000	59.4	65.0	65.8	66.2	67.0	67.0	67.5	67.5	67.5	68.0	68.2	68.2	68.2	68.4	68.4	68.7
≥ 4500	59.5	65.2	66.1	66.4	67.3	67.3	67.8	67.8	67.8	68.2	68.5	68.5	68.5	68.6	68.6	69.0
≥ 4000	60.9	67.2	68.2	68.6	69.5	69.5	70.0	70.0	70.0	70.4	70.7	70.7	70.7	70.8	70.8	71.2
≥ 3500	62.0	68.2	69.3	69.7	70.6	70.6	71.0	71.0	71.0	71.5	71.8	71.8	71.8	71.9	71.9	72.3
≥ 3000	64.1	70.9	72.4	73.0	73.8	73.8	74.3	74.3	74.3	74.8	75.1	75.1	75.1	75.2	75.2	75.5
≥ 2500	67.4	74.3	76.0	76.6	77.5	77.7	78.2	78.2	78.2	78.7	79.0	79.0	79.0	79.1	79.1	79.4
≥ 2000	70.2	78.1	80.3	81.0	82.0	82.6	83.1	83.1	83.1	83.6	83.8	83.8	83.8	83.9	83.9	84.3
≥ 1800	70.4	78.5	80.9	81.6	82.6	83.2	83.7	83.7	83.7	84.2	84.4	84.4	84.4	84.5	84.5	84.9
≥ 1500	71.9	80.0	82.5	83.8	84.5	85.2	85.6	85.6	85.6	86.1	86.4	86.4	86.4	86.5	86.5	86.9
≥ 1200	72.5	81.0	83.8	85.2	86.6	87.2	88.1	88.6	88.6	89.1	89.3	89.3	89.3	89.4	89.4	89.8
≥ 1000	73.2	82.4	85.2	86.5	88.2	89.1	90.3	90.8	90.8	91.2	91.5	91.5	91.5	91.6	91.6	92.0
≥ 900	73.4	82.6	85.6	87.1	88.8	89.7	91.0	91.5	91.5	92.0	92.2	92.2	92.2	92.3	92.3	92.7
≥ 800	73.4	82.6	85.9	87.7	89.9	90.8	92.2	92.8	92.8	93.4	93.7	93.7	93.7	93.8	93.8	94.2
≥ 700	73.6	82.8	86.3	88.1	90.3	91.1	93.1	93.9	93.9	94.5	94.8	94.8	94.8	94.9	94.9	95.3
≥ 600	73.6	82.8	86.3	88.1	90.3	91.1	93.1	93.9	93.9	94.5	94.8	94.8	94.8	94.9	94.9	95.3
≥ 500	73.6	83.0	86.4	88.2	90.4	91.2	93.6	94.4	94.4	95.1	95.6	95.6	95.6	95.7	95.7	96.1
≥ 400	73.6	83.1	86.9	88.7	90.9	91.7	94.0	94.9	94.9	95.6	96.1	96.1	96.1	96.2	96.2	96.6
≥ 300	73.6	83.1	86.9	88.7	90.9	91.7	94.0	94.9	94.9	95.9	96.5	96.5	96.5	96.7	96.8	97.4
≥ 200	73.6	83.1	86.9	88.7	90.9	91.7	94.0	94.9	94.9	95.9	96.5	96.5	96.5	97.0	97.2	98.5
≥ 100	73.6	83.1	86.9	88.7	90.9	91.7	94.0	94.9	94.9	95.9	96.5	96.5	96.5	97.1	97.3	98.6
≥ 0	73.6	83.1	86.9	88.7	90.9	91.7	94.0	94.9	94.9	95.9	96.5	96.5	96.5	97.1	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 822



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430 LA CROSSE MAP, WI

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	41.2	43.8	44.5	44.5	44.6	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 20000	45.1	48.3	49.1	49.3	49.5	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000	45.1	48.3	49.1	49.3	49.5	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	45.1	48.3	49.1	49.3	49.5	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 14000	47.0	50.1	51.0	51.1	51.3	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 12000	49.0	52.7	53.5	53.6	53.9	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 10000	54.6	59.1	60.0	60.2	60.5	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	58.1	59.6	60.5	60.7	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	56.8	61.4	62.3	62.7	62.9	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	57.8	62.9	63.7	64.1	64.4	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	58.5	63.9	64.7	65.3	65.6	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 5000	60.1	65.6	66.4	67.0	67.3	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 4500	60.2	65.8	66.7	67.3	67.5	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4000	62.2	67.8	68.9	69.5	69.7	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500	63.7	69.5	70.6	71.2	71.4	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 3000	67.4	73.2	74.7	75.7	75.9	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2500	71.0	77.3	78.7	79.7	79.9	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2000	74.1	80.9	82.7	83.8	84.1	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	74.6	81.8	83.7	84.8	85.0	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	75.9	83.6	85.6	87.2	87.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1200	77.3	85.5	87.7	89.3	89.7	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	78.1	86.6	88.8	90.4	90.8	92.1	92.3	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1
≥ 900	78.1	86.6	88.8	90.4	90.8	92.2	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6
≥ 800	78.2	86.9	89.2	90.9	91.2	93.1	93.7	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
≥ 700	78.3	87.2	89.5	91.2	91.6	93.7	94.4	95.6	95.6	95.7	95.7	95.7	95.7	95.9	95.9	95.9
≥ 600	78.5	87.6	90.1	91.8	92.2	94.6	95.5	96.7	96.7	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 500	78.5	87.8	90.4	92.1	92.5	95.1	96.2	97.7	97.7	98.2	98.4	98.4	98.4	98.5	98.5	98.5
≥ 400	78.5	87.8	90.4	92.1	92.5	95.1	96.2	97.7	97.7	98.5	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300	78.5	87.8	90.4	92.1	92.5	95.1	96.2	97.7	97.7	98.5	98.8	98.8	98.8	99.0	99.4	99.5
≥ 200	78.5	88.0	90.5	92.2	92.6	95.3	96.4	97.8	97.8	98.7	98.9	98.9	98.9	99.3	99.6	99.8
≥ 100	78.5	88.0	90.5	92.2	92.6	95.3	96.4	97.8	97.8	98.7	98.9	98.9	98.9	99.3	99.6	99.9
≥ 0	78.5	88.0	90.5	92.2	92.6	95.3	96.4	97.8	97.8	98.7	98.9	98.9	98.9	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 822



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

OCT  
PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .1	≥ .05	≥ .01	≥ .005	≥ 0
NO CEILING	45.4	47.8	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 20000	51.7	54.3	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 18000	51.7	54.3	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 16000	51.7	54.3	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 14000	52.4	55.1	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 12000	53.6	56.5	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 10000	57.5	60.9	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 9000	57.6	61.0	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 8000	60.3	63.9	64.4	64.6	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 7000	62.0	65.6	66.1	66.3	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 6000	62.8	66.5	67.2	67.7	67.8	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 5000	64.2	68.2	69.1	69.9	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 4500	65.1	69.1	69.9	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 4000	67.6	71.9	72.7	73.6	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 3500	69.9	74.5	75.3	76.2	76.3	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3000	73.5	78.3	79.2	80.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 2500	77.1	82.6	83.5	84.3	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 2000	80.8	87.2	88.0	88.9	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 1800	81.3	88.0	88.9	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1500	82.0	89.3	90.3	91.2	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1200	83.0	90.4	91.9	92.8	93.3	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1000	83.5	91.2	93.0	94.5	95.3	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 900	83.5	91.2	93.0	94.5	95.3	95.6	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	84.0	92.1	94.0	95.4	96.4	96.9	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 700	84.2	92.4	94.5	95.9	96.9	97.7	97.7	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	84.2	92.4	94.6	96.1	97.3	98.0	98.6	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	84.2	92.4	94.7	96.2	97.4	98.2	98.8	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	84.2	92.4	94.7	96.2	97.4	98.2	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	84.2	92.4	94.7	96.2	97.4	98.2	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	84.2	92.4	94.7	96.2	97.4	98.2	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	84.2	92.4	94.7	96.2	97.4	98.2	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
U	84.2	92.4	94.7	96.2	97.4	98.2	98.8	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 811



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1300-1700  
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING ≥ 20000	44.5	45.7	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 18000	52.3	53.8	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 16000	52.6	54.0	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 14000	53.4	54.9	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 12000	54.3	55.8	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 10000	59.4	61.2	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 9000	59.9	61.6	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 8000	62.7	64.7	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 7000	64.2	66.2	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 6000	65.7	67.9	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 5000	69.0	71.3	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 4500	70.3	72.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 4000	73.4	75.9	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3500	76.1	78.6	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 3000	79.3	82.0	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 2500	82.1	84.9	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2000	85.5	89.1	90.9	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1800	85.8	89.7	91.5	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1500	86.5	90.6	92.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1200	86.6	91.1	93.5	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1000	87.5	92.4	95.2	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 900	87.6	92.6	95.5	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 800	87.6	92.6	95.7	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	87.6	92.6	95.7	97.2	97.7	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	87.6	92.8	95.8	97.3	98.0	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	87.6	92.8	95.8	97.5	98.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	87.6	92.8	95.8	97.5	98.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	87.6	92.8	95.8	97.5	98.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	87.6	92.8	95.8	97.5	98.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	87.6	92.8	95.8	97.5	98.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	87.6	92.8	95.8	97.5	98.3	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 814



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIP WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1000-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	47.7	49.6	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	54.2	56.9	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	54.2	56.9	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	54.2	56.9	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	55.4	58.1	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	57.2	60.2	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	61.6	64.6	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	61.9	64.8	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	63.9	67.0	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	65.7	68.9	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	67.8	71.6	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	70.6	75.4	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	72.4	77.2	78.0	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4000	74.9	80.0	80.8	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	76.9	82.2	83.1	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	79.2	84.8	85.7	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	81.7	87.7	89.2	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	82.8	89.4	91.7	92.6	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	82.9	89.6	92.2	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	84.0	91.4	94.2	95.4	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	84.3	91.8	95.1	96.7	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	84.5	92.2	95.5	97.2	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	84.5	92.2	95.6	97.3	97.9	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	84.5	92.2	95.7	97.4	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	84.7	92.3	95.9	97.6	98.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	84.7	92.4	96.0	97.7	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	84.7	92.4	96.0	97.7	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	84.7	92.4	96.0	97.7	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	84.7	92.4	96.0	97.7	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	84.7	92.4	96.0	97.7	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	84.7	92.4	96.0	97.7	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	84.7	92.4	96.0	97.7	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 821



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	51.2	52.0	52.9	53.4	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	55.5	57.0	57.9	58.4	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	55.5	57.0	57.9	58.4	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	55.5	57.0	57.9	58.4	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	56.5	57.9	58.9	59.4	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	58.0	59.6	60.6	61.1	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	61.1	62.8	63.8	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	61.8	63.5	64.5	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	63.8	65.5	66.5	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000	66.8	68.5	69.5	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 6000	68.7	70.6	71.6	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	71.7	74.0	75.1	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	73.7	76.3	77.4	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4000	75.7	78.8	80.1	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	77.6	81.2	82.6	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	79.6	84.1	85.6	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	81.3	86.1	87.7	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	82.3	87.8	89.9	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	82.4	87.9	90.0	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	83.3	89.1	91.8	93.3	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	83.4	89.5	92.7	94.8	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	83.4	89.8	93.0	95.6	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	83.5	90.4	93.8	96.3	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	83.5	90.4	93.8	96.3	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	83.5	90.6	94.1	96.7	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	83.5	90.7	94.4	97.0	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	83.5	90.9	94.5	97.1	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	83.5	90.9	94.5	97.1	98.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	83.5	90.9	94.5	97.1	98.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	83.5	90.9	94.5	97.1	98.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	83.5	90.9	94.5	97.1	98.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	83.5	90.9	94.5	97.1	98.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 820



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

72643C  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	47.4	49.4	50.0	50.2	50.5	50.5	50.7	50.7	50.7	50.8	50.8	50.8	50.9	50.9	50.9	51.0
≥ 20000	51.8	54.2	54.8	55.1	55.4	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.9	55.9
≥ 18000	51.8	54.3	54.9	55.2	55.5	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	55.9	56.0
≥ 16000	51.9	54.4	55.0	55.3	55.5	55.6	55.7	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0
≥ 14000	53.0	55.6	56.2	56.5	56.8	56.9	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3
≥ 12000	54.3	57.1	57.7	58.0	58.3	58.4	58.5	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.8	58.8
≥ 10000	58.3	61.5	62.1	62.4	62.7	62.8	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.3
≥ 9000	58.8	61.9	62.6	62.9	63.2	63.3	63.4	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.7	63.7
≥ 8000	60.8	64.1	64.7	65.1	65.4	65.5	65.7	65.7	65.7	65.8	65.9	65.9	65.9	65.9	66.0	66.0
≥ 7000	62.7	66.1	66.8	67.1	67.5	67.6	67.8	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.1
≥ 6000	64.3	67.9	68.6	69.0	69.4	69.5	69.7	69.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	70.0
≥ 5000	66.5	70.4	71.1	71.6	72.0	72.2	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.7
≥ 4500	67.5	71.5	72.3	72.8	73.2	73.3	73.5	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.8	73.8
≥ 4000	69.8	74.1	74.9	75.5	75.8	76.0	76.2	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.5	76.5
≥ 3500	71.8	76.3	77.2	77.7	78.1	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.8
≥ 3000	74.4	79.3	80.5	81.1	81.5	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.2
≥ 2500	77.0	82.3	83.6	84.3	84.7	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4
≥ 2000	79.3	85.1	86.9	87.6	88.1	88.3	88.6	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.9
≥ 1800	79.5	85.6	87.4	88.2	88.6	88.9	89.1	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.4	89.4
≥ 1500	80.5	86.9	89.0	90.1	90.7	91.0	91.2	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.5	91.5
≥ 1200	81.0	87.9	90.4	91.9	92.7	93.0	93.3	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.8
≥ 1000	81.5	88.7	91.5	93.1	94.3	94.7	95.1	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 900	81.6	88.9	91.9	93.6	94.8	95.3	95.7	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.4
≥ 800	81.6	89.1	92.2	93.9	95.3	95.9	96.4	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0
≥ 700	81.7	89.2	92.4	94.2	95.6	96.3	96.9	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.7	97.7
≥ 600	81.7	89.4	92.6	94.4	95.9	96.6	97.3	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 500	81.7	89.4	92.7	94.5	96.0	96.8	97.6	98.1	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.8
≥ 400	81.7	89.4	92.7	94.6	96.1	96.9	97.7	98.2	98.3	98.7	98.9	98.9	98.9	98.9	99.0	99.1
≥ 300	81.7	89.4	92.7	94.6	96.1	96.9	97.7	98.3	98.3	98.7	98.9	98.9	98.9	98.9	99.1	99.2
≥ 200	81.7	89.4	92.8	94.6	96.1	96.9	97.8	98.3	98.3	98.8	98.9	98.9	99.0	99.2	99.2	99.3
≥ 100	81.7	89.4	92.8	94.6	96.1	96.9	97.8	98.3	98.3	98.8	98.9	98.9	99.0	99.2	99.2	99.3
≥ 0	81.7	89.4	92.8	94.6	96.1	96.9	97.8	98.3	98.3	98.8	98.9	98.9	99.0	99.2	99.2	99.3

TOTAL NUMBER OF OBSERVATIONS 6508



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ 0
NO CEILING	42.7	47.4	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7
≥ 20000	43.9	48.7	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9
≥ 18000	43.9	48.7	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9
≥ 16000	43.9	48.7	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9
≥ 14000	44.1	48.9	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2
≥ 12000	45.9	50.7	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.0	52.0	52.0	52.0
≥ 10000	48.0	52.8	53.6	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4
≥ 9000	49.3	54.1	55.0	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.8
≥ 8000	50.7	55.6	56.5	57.0	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
≥ 7000	51.7	56.8	57.9	58.4	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9
≥ 6000	53.1	58.2	59.3	59.8	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 5000	56.1	61.3	62.7	63.2	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7
≥ 4500	57.3	62.5	63.8	64.3	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9
≥ 4000	59.0	64.2	65.6	66.1	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6
≥ 3500	61.1	66.8	68.3	68.9	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4
≥ 3000	65.2	71.6	73.1	73.8	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
≥ 2500	68.8	76.0	77.6	78.4	79.0	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 2000	71.7	79.3	80.9	82.0	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6
≥ 1800	72.3	80.0	81.9	83.1	84.1	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 1500	74.2	83.2	85.3	86.6	87.6	87.9	88.2	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 1200	74.7	85.5	88.1	90.0	91.3	91.5	91.9	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 1000	74.7	85.6	88.7	90.9	92.5	92.8	93.7	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 900	74.7	85.7	89.1	91.7	93.8	94.1	94.9	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 800	74.7	85.7	89.3	91.8	94.2	94.4	95.6	96.0	96.0	96.1	96.3	96.3	96.5	96.5	96.5	96.5
≥ 700	74.7	85.7	89.3	91.8	94.3	94.6	95.8	96.2	96.2	96.3	96.6	96.6	96.7	96.7	96.7	96.7
≥ 600	74.7	85.8	89.4	91.9	94.4	94.7	96.1	96.5	96.6	96.7	97.0	97.0	97.1	97.1	97.1	97.1
≥ 500	74.7	85.8	89.4	91.9	94.4	94.7	96.3	96.7	97.0	97.5	97.9	97.9	98.1	98.1	98.1	98.1
≥ 400	74.7	85.8	89.4	92.0	94.7	94.9	96.7	97.5	97.7	98.5	98.9	98.9	99.1	99.1	99.1	99.1
≥ 300	74.7	85.8	89.4	92.0	94.7	94.9	96.7	97.5	97.9	98.7	99.1	99.1	99.6	99.6	99.6	99.6
≥ 200	74.7	85.8	89.4	92.0	94.7	94.9	96.7	97.5	97.9	98.7	99.1	99.1	99.6	99.6	99.6	99.6
≥ 100	74.7	85.8	89.4	92.0	94.7	94.9	96.7	97.5	97.9	98.7	99.1	99.1	99.6	99.6	99.6	99.6
≥ 0	74.7	85.8	89.4	92.0	94.7	94.9	96.7	97.5	97.9	98.7	99.1	99.1	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 791



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥5	≥4	3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	39.6	44.2	45.2	46.4	46.7	46.7	47.1	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	41.0	45.5	46.5	47.8	48.1	48.1	48.6	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 18000	41.0	45.5	46.5	47.8	48.1	48.1	48.6	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 16000	41.0	45.5	46.5	47.8	48.1	48.1	48.6	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 14000	41.9	46.4	47.4	48.7	48.9	48.9	49.4	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 12000	44.2	48.7	49.7	50.9	51.2	51.2	51.7	51.8	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 10000	46.4	50.9	51.9	53.2	53.6	53.6	54.1	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 9000	47.2	51.7	52.7	54.0	54.3	54.3	54.8	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	48.9	53.8	54.8	56.1	56.5	56.5	57.0	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 7000	50.2	55.1	56.5	57.7	58.1	58.1	58.6	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 6000	50.9	56.1	57.5	58.7	59.1	59.1	59.6	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	53.5	59.7	61.1	62.4	62.7	62.7	63.2	63.9	63.9	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4500	54.5	60.7	62.1	63.4	63.7	63.7	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4000	55.7	62.0	63.6	65.0	65.4	65.4	65.9	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 3500	56.2	62.9	64.5	65.9	66.2	66.2	66.8	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	60.0	66.9	68.8	70.1	70.9	70.9	71.4	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2500	63.9	71.8	73.5	75.0	75.9	76.0	76.5	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2000	67.0	75.7	78.0	79.7	80.9	81.2	81.7	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1800	68.5	77.8	79.9	81.6	83.1	83.3	83.8	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	69.9	80.3	82.7	84.3	86.1	86.3	86.8	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	70.4	82.7	85.6	88.0	90.2	90.5	91.6	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	70.4	83.1	86.2	89.1	91.6	91.8	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	70.4	83.1	86.2	89.1	91.6	91.8	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	70.4	83.1	86.2	89.1	91.6	91.8	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	70.4	83.1	86.2	89.1	91.6	91.8	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	70.4	83.1	86.2	89.1	91.6	91.8	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	70.4	83.1	86.2	89.1	91.6	91.8	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 400	70.4	83.1	86.2	89.1	91.6	91.8	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 300	70.4	83.1	86.2	89.1	91.6	91.8	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 200	70.4	83.1	86.2	89.1	91.6	91.8	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 100	70.4	83.1	86.2	89.1	91.6	91.8	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 0	70.4	83.1	86.2	89.1	91.6	91.8	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6

TOTAL NUMBER OF OBSERVATIONS 797



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATP WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

NOV  
MO

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0400-0400  
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	31.8	36.8	38.8	39.3	39.9	40.3	40.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 20000	34.2	39.7	41.7	42.2	42.8	43.2	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 18000	34.2	39.7	41.7	42.2	42.8	43.2	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 16000	34.2	39.7	41.7	42.2	42.8	43.2	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
IV 14000	34.9	40.8	42.8	43.3	44.0	44.4	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 12000	36.5	42.8	44.9	45.4	46.0	46.4	46.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 10000	39.3	46.1	48.3	48.8	49.6	49.9	50.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 9000	39.9	46.9	49.0	49.6	50.4	51.0	51.3	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 8000	41.1	48.8	51.0	51.5	52.3	52.9	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 7000	42.7	51.0	53.2	53.7	54.6	55.1	55.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 6000	43.6	52.0	54.5	55.0	55.9	56.5	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 5000	45.5	54.4	57.0	57.5	58.6	59.2	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 4500	46.9	55.9	58.6	59.1	60.1	60.7	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 4000	48.8	58.2	61.0	61.5	62.5	63.1	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 3500	49.8	59.4	62.5	63.1	64.3	65.0	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 3000	53.2	63.0	66.2	66.9	68.2	69.2	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 2500	55.4	65.7	68.9	69.7	71.4	72.4	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 2000	58.9	70.3	73.6	74.7	76.7	78.1	78.5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 1800	60.3	71.9	75.4	76.7	78.8	80.2	80.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 1500	61.9	74.0	78.1	79.7	82.1	83.7	84.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1200	63.0	76.3	80.9	82.6	85.4	86.9	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1000	63.2	77.1	81.9	83.8	87.3	89.1	89.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 900	63.4	77.3	82.1	84.9	88.5	90.2	90.9	91.9	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3
IV 800	63.4	77.3	82.3	85.0	88.8	90.9	91.6	93.0	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4
IV 700	63.4	77.3	82.3	85.2	89.1	91.4	92.4	93.8	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3
IV 600	63.4	77.3	82.3	85.2	89.2	91.6	92.9	94.3	94.3	94.7	94.9	94.9	95.1	95.1	95.1	95.1
IV 500	63.4	77.3	82.3	85.2	89.4	92.0	93.5	95.1	95.1	95.8	96.1	96.1	96.3	96.3	96.5	96.5
IV 400	63.4	77.3	82.3	85.2	89.5	92.1	93.8	95.3	95.3	96.3	96.7	96.7	97.0	97.0	97.2	97.2
IV 300	63.4	77.3	82.3	85.2	89.5	92.1	93.9	95.4	95.4	97.1	97.5	97.5	97.8	97.8	98.5	98.7
IV 200	63.4	77.3	82.3	85.2	89.5	92.1	93.9	95.4	95.4	97.1	97.6	97.6	98.1	98.1	98.7	99.1
IV 100	63.5	77.4	82.4	85.3	89.6	92.3	94.0	95.6	95.6	97.2	97.7	97.7	98.2	98.2	99.0	99.7
IV 0	63.5	77.4	82.4	85.3	89.6	92.3	94.0	95.6	95.6	97.2	97.7	97.7	98.2	98.2	99.0	99.7

TOTAL NUMBER OF OBSERVATIONS 782



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AID WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ 0
NO CEILING	31.5	35.8	36.4	36.8	37.1	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.6	37.6	37.8	37.8
≥ 7000	35.1	40.3	41.1	41.5	41.7	42.0	42.1	42.1	42.1	42.1	42.2	42.2	42.3	42.3	42.6	42.6
IV 18000	35.1	40.3	41.1	41.5	41.7	42.0	42.1	42.1	42.1	42.1	42.2	42.2	42.3	42.3	42.6	42.6
IV 16000	35.1	40.3	41.1	41.5	41.7	42.0	42.1	42.1	42.1	42.1	42.2	42.2	42.3	42.3	42.6	42.6
IV 14000	35.7	41.5	42.2	42.6	42.8	43.1	43.2	43.2	43.2	43.2	43.3	43.3	43.5	43.5	43.7	43.7
IV 12000	36.7	43.0	43.7	44.1	44.3	44.6	44.7	44.7	44.7	44.7	44.8	44.8	45.0	45.0	45.2	45.2
IV 10000	40.7	47.7	48.6	49.1	49.5	49.9	50.0	50.0	50.0	50.0	50.1	50.1	50.3	50.3	50.5	50.5
IV 9000	41.3	48.7	49.7	50.3	50.8	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.5	51.5	51.8	51.8
IV 8000	42.7	50.9	52.0	52.8	53.1	53.5	53.6	53.6	53.6	53.6	53.8	53.8	53.9	53.9	54.1	54.1
IV 7000	44.0	52.3	53.4	53.9	54.8	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.5	55.5	55.8	55.8
IV 6000	45.2	53.6	54.8	55.3	56.2	56.5	56.7	56.7	56.7	56.7	56.8	56.8	56.9	56.9	57.2	57.2
IV 5000	46.1	54.9	56.0	56.5	57.4	57.8	57.9	57.9	57.9	57.9	58.0	58.0	58.2	58.2	58.4	58.4
IV 4500	46.7	55.8	57.0	57.5	58.4	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.2	59.2	59.4	59.4
IV 4000	48.2	57.9	59.3	59.8	60.7	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.7	61.7
IV 3500	49.9	59.9	61.4	61.9	62.8	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.6	63.6	63.8	63.8
IV 3000	52.8	62.8	64.3	64.9	65.8	66.2	66.3	66.3	66.3	66.5	66.6	66.6	66.7	66.7	67.0	67.0
IV 2500	54.6	65.1	67.0	67.7	69.0	69.5	69.6	69.6	69.6	69.7	69.8	69.8	70.0	70.0	70.2	70.2
IV 2000	58.7	70.1	72.4	73.2	74.7	75.5	76.1	76.3	76.3	76.5	76.6	76.6	76.8	76.8	77.0	77.0
IV 1800	59.5	71.7	74.0	74.9	76.4	77.1	77.8	77.9	77.9	78.1	78.3	78.3	78.4	78.4	78.6	78.6
IV 1500	61.9	74.9	77.3	78.3	80.0	81.0	81.9	82.0	82.0	82.3	82.4	82.4	82.5	82.5	82.8	82.8
IV 1200	63.1	76.8	79.5	80.7	82.4	83.7	84.5	84.7	84.7	84.9	85.1	85.1	85.3	85.3	85.6	85.6
IV 1000	63.8	78.1	81.0	82.2	84.2	85.8	86.7	87.2	87.2	87.6	87.8	87.8	88.2	88.2	88.4	88.4
IV 900	63.9	78.4	81.5	82.7	84.7	86.6	87.4	88.2	88.2	88.7	89.1	89.1	89.4	89.4	89.7	89.7
IV 800	64.3	79.0	82.5	83.9	86.6	88.8	89.7	90.8	90.8	91.5	92.1	92.1	92.6	92.6	92.8	92.8
IV 700	64.3	79.1	82.7	84.2	87.1	89.3	90.2	91.7	91.7	92.3	93.0	93.0	93.5	93.5	93.7	93.7
IV 600	64.3	79.1	82.7	84.3	87.2	89.4	90.5	92.1	92.2	92.8	93.5	93.5	94.1	94.1	94.5	94.5
IV 500	64.3	79.3	82.9	84.5	87.6	89.9	91.1	93.0	93.1	94.2	94.8	94.8	95.7	95.7	96.1	96.1
IV 400	64.3	79.3	82.9	84.7	87.7	90.1	91.3	94.0	94.2	95.5	96.4	96.4	97.6	97.6	98.2	98.2
IV 300	64.3	79.3	82.9	84.7	87.7	90.1	91.3	94.1	94.3	95.7	96.7	96.7	98.1	98.2	99.0	99.2
IV 200	64.3	79.3	82.9	84.7	87.7	90.1	91.3	94.1	94.3	96.0	97.0	97.0	98.4	98.5	99.5	99.9
IV 100	64.3	79.3	82.9	84.7	87.7	90.1	91.3	94.1	94.3	96.0	97.0	97.0	98.4	98.5	99.5	100.0
IV 0	64.3	79.3	82.9	84.7	87.7	90.1	91.3	94.1	94.3	96.0	97.0	97.0	98.4	98.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 794



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 0
NO CEILING	37.9	39.9	40.4	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 20000	43.9	46.7	47.2	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 18000	44.1	46.9	47.4	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 16000	44.1	46.9	47.4	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 14000	44.2	47.1	47.6	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 12000	45.5	48.5	49.0	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 10000	49.7	53.1	53.6	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 9000	50.9	54.2	54.7	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 8000	52.2	55.5	56.0	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 7000	52.9	56.6	57.3	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 6000	54.1	58.2	58.8	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 5000	55.1	59.5	60.2	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 4500	55.4	59.8	60.6	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 4000	56.9	61.4	62.1	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 3500	58.3	62.8	63.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 3000	62.4	66.9	67.6	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 2500	66.8	72.0	72.9	73.4	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 2000	71.1	76.9	78.1	78.6	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 1800	71.6	77.9	79.5	80.1	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 1500	74.0	81.5	83.2	83.9	85.2	85.4	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 1200	74.8	83.0	84.9	85.7	87.0	87.2	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1000	75.6	84.4	86.7	87.5	89.1	89.5	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 900	75.8	84.8	87.2	88.1	89.9	90.3	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 800	75.8	85.2	88.0	89.1	90.9	91.7	92.7	93.4	93.4	93.4	93.4	94.0	94.0	94.1	94.1	94.1
IV 700	75.8	85.3	88.2	89.8	91.6	92.5	93.6	94.2	94.2	94.2	94.2	94.9	94.9	95.0	95.0	95.0
IV 600	75.8	85.8	88.7	90.3	92.1	93.1	94.2	95.1	95.1	95.3	96.3	96.3	96.4	96.4	96.4	96.4
IV 500	75.8	85.9	89.1	90.7	92.6	93.9	95.0	96.2	96.2	96.4	97.8	97.8	98.1	98.1	98.1	98.1
IV 400	75.8	85.9	89.1	90.7	92.6	94.1	95.3	96.9	96.9	97.4	99.0	99.0	99.2	99.2	99.2	99.2
IV 300	75.8	85.9	89.1	90.7	92.7	94.2	95.5	97.3	97.4	98.1	99.6	99.6	99.9	99.9	99.9	99.9
IV 200	75.8	85.9	89.1	90.7	92.7	94.2	95.5	97.4	97.6	98.2	99.7	99.7	100.0	100.0	100.0	100.0
IV 100	75.8	85.9	89.1	90.7	92.7	94.2	95.5	97.4	97.6	98.2	99.7	99.7	100.0	100.0	100.0	100.0
IV 0	75.8	85.9	89.1	90.7	92.7	94.2	95.5	97.4	97.6	98.2	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 782



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	38.1	40.9	41.0	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	43.0	46.8	47.1	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000	43.3	47.1	47.3	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000	43.4	47.2	47.5	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 14000	44.1	47.8	48.1	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 12000	45.6	49.4	49.6	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 10000	50.8	54.8	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 9000	51.1	55.4	55.7	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000	53.2	57.6	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000	54.8	59.2	59.6	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 6000	56.2	61.0	61.4	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 5000	57.7	62.5	62.9	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4500	58.2	63.2	63.5	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4000	60.5	65.6	66.1	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 3500	61.5	66.6	67.3	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	66.6	72.2	72.9	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2500	70.8	76.7	77.5	77.7	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2000	74.6	81.0	81.9	82.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	75.1	82.3	83.2	83.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	77.5	86.1	87.5	88.1	89.1	89.1	89.1	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	78.1	87.0	88.9	90.3	91.3	91.5	91.9	92.3	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	78.7	88.5	90.9	92.3	93.4	93.7	94.3	94.8	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	78.9	88.9	91.3	92.7	93.8	94.1	94.7	95.3	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	79.0	89.0	92.0	94.1	95.4	95.8	96.5	97.1	97.1	97.2	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	79.0	89.2	92.4	94.6	95.9	96.3	97.1	97.7	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	79.0	89.6	92.8	95.1	96.6	97.1	98.0	98.6	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	79.0	89.6	92.8	95.2	96.7	97.3	98.5	99.2	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	79.0	89.6	92.8	95.2	96.8	97.5	98.6	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	79.0	89.6	92.8	95.2	96.8	97.5	98.6	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	79.0	89.6	92.8	95.2	96.8	97.5	98.6	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	79.0	89.6	92.8	95.2	96.8	97.5	98.6	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	79.0	89.6	92.8	95.2	96.8	97.5	98.6	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 790



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .02	≥ 0
NO CEILING	38.4	41.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4
≥ 20000	42.8	46.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4
≥ 18000	42.8	46.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4
≥ 16000	42.8	46.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4
≥ 14000	42.9	46.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.6
≥ 12000	44.2	47.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8
≥ 10000	48.4	52.1	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6
≥ 9000	49.1	52.7	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
≥ 8000	51.2	55.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
≥ 7000	52.2	56.1	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 6000	54.1	58.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
≥ 5000	55.7	60.2	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
≥ 4500	56.6	61.2	62.6	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 4000	59.8	64.5	66.0	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
≥ 3500	62.6	67.5	69.0	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 3000	67.4	73.4	75.0	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7
≥ 2500	72.3	79.0	80.9	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1
≥ 2000	76.0	83.7	86.3	87.2	87.7	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 1800	77.2	85.1	87.7	88.6	89.1	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 1500	77.7	85.8	88.7	89.8	90.6	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5
≥ 1200	78.4	87.1	91.2	93.6	94.4	94.6	95.2	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.6
≥ 1000	78.4	87.2	92.1	95.0	95.7	96.0	96.9	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.4
≥ 900	78.4	87.2	92.1	95.4	96.6	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.4
≥ 800	78.4	87.2	92.2	95.6	96.9	97.2	98.1	98.1	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.7
≥ 700	78.4	87.2	92.3	95.9	97.1	97.5	98.4	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	99.0
≥ 600	78.4	87.2	92.3	95.9	97.4	97.7	99.0	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500	78.4	87.2	92.3	95.9	97.4	97.9	99.1	99.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.9
≥ 400	78.4	87.2	92.3	95.9	97.4	97.9	99.1	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	78.4	87.2	92.3	95.9	97.4	97.9	99.1	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	78.4	87.2	92.3	95.9	97.4	97.9	99.1	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	78.4	87.2	92.3	95.9	97.4	97.9	99.1	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	78.4	87.2	92.3	95.9	97.4	97.9	99.1	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 797



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	41.2	44.0	44.5	44.5	44.6	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	43.9	46.7	47.2	47.2	47.3	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 18000	43.9	46.7	47.2	47.2	47.3	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 16000	43.9	46.7	47.2	47.2	47.3	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 14000	43.9	46.7	47.2	47.2	47.3	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 12000	46.3	49.1	49.6	49.6	49.7	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 10000	49.5	52.8	53.3	53.7	53.8	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 9000	51.0	54.3	54.9	55.2	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 8000	52.2	55.5	56.0	56.4	56.5	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 7000	53.6	57.0	57.5	57.9	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 6000	55.8	59.2	59.7	60.1	60.2	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 5000	57.0	60.6	61.4	61.8	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 4500	58.3	61.9	62.8	63.2	63.3	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 4000	61.0	64.6	65.5	65.9	66.0	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 3500	63.8	67.4	68.3	68.8	68.9	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 3000	67.9	72.5	73.7	74.2	74.4	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 2500	72.0	77.5	79.0	79.7	79.9	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 2000	75.2	81.5	83.5	84.1	84.5	84.9	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 1800	75.4	82.0	84.1	84.8	85.2	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 1500	76.9	84.4	86.8	87.9	88.5	88.9	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 1200	77.4	86.4	90.0	91.0	91.8	92.3	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1000	77.4	86.6	91.2	92.7	93.7	94.4	95.3	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 900	77.4	86.6	91.2	92.8	94.1	94.8	95.7	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 800	77.4	86.6	91.4	93.1	94.9	95.5	96.8	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 700	77.4	86.6	91.4	93.1	94.9	95.5	96.8	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	77.4	86.6	91.6	93.2	95.1	95.8	97.3	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	77.4	86.6	91.6	93.2	95.1	95.8	97.4	97.8	97.8	98.3	98.5	98.5	99.0	99.0	99.0	99.0
IV 400	77.4	86.6	91.6	93.2	95.1	95.8	97.4	97.8	97.8	98.5	98.6	98.6	99.1	99.1	99.1	99.1
IV 300	77.4	86.6	91.6	93.2	95.1	95.8	97.4	97.8	97.8	98.6	98.8	98.8	99.4	99.4	99.4	99.4
IV 200	77.4	86.6	91.6	93.2	95.1	95.8	97.4	97.8	97.8	98.7	99.0	99.0	99.7	99.7	99.7	99.7
IV 100	77.4	86.6	91.6	93.2	95.1	95.8	97.4	97.8	97.8	98.7	99.0	99.0	99.7	99.7	99.7	99.7
IV 0	77.4	86.6	91.6	93.2	95.1	95.8	97.4	97.8	97.8	98.7	99.0	99.0	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 782



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET:	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	37.7	41.3	42.1	42.5	42.7	42.8	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.1
≥ 20000	41.0	45.1	45.9	46.3	46.5	46.6	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 18000	41.0	45.1	46.0	46.4	46.6	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0
IV 15000	41.0	45.1	46.0	46.4	46.6	46.7	46.8	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0
IV 14000	41.4	45.7	46.5	46.9	47.2	47.2	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.6
IV 12000	43.1	47.5	48.3	48.7	48.9	49.0	49.1	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3
IV 10000	46.6	51.3	52.2	52.7	53.0	53.1	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4
IV 9000	47.5	52.3	53.2	53.7	54.0	54.1	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.5	54.5
IV 8000	49.0	54.1	55.1	55.5	55.9	56.0	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4
IV 7000	50.3	55.5	56.6	57.1	57.5	57.6	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0
IV 6000	51.6	57.1	58.2	58.6	59.1	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6
IV 5000	53.3	59.1	60.4	60.8	61.3	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
IV 4500	54.2	60.1	61.4	61.9	62.3	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
IV 4000	56.2	62.3	63.6	64.1	64.6	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
IV 3500	57.9	64.2	65.6	66.2	66.7	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
IV 3000	61.9	68.6	70.2	70.8	71.4	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1
IV 2500	65.5	72.9	74.7	75.4	76.2	76.5	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
IV 2000	69.1	77.3	79.3	80.2	81.3	81.7	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
IV 1800	70.0	78.5	80.7	81.7	82.8	83.2	83.5	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9
IV 1500	71.7	81.3	83.7	84.8	86.1	86.6	87.1	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
IV 1200	72.5	83.1	86.1	87.7	89.2	89.8	90.4	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	91.0
IV 1000	72.8	83.8	87.3	89.2	91.0	91.6	92.6	93.0	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4
IV 900	72.8	84.0	87.6	89.7	91.6	92.3	93.3	93.8	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.3
IV 800	72.9	84.1	88.0	90.2	92.4	93.3	94.4	95.0	95.0	95.3	95.6	95.6	95.7	95.7	95.7	95.7
IV 700	72.9	84.2	88.1	90.4	92.7	93.7	94.9	95.6	95.6	95.9	96.2	96.2	96.3	96.3	96.3	96.3
IV 600	72.9	84.3	88.2	90.6	93.0	94.1	95.4	96.1	96.2	96.5	96.9	96.9	97.0	97.0	97.1	97.1
IV 500	72.9	84.3	88.3	90.7	93.2	94.3	95.8	96.7	96.7	97.3	97.8	97.8	98.0	98.0	98.1	98.1
IV 400	72.9	84.3	88.3	90.8	93.3	94.4	96.0	97.1	97.2	97.9	98.4	98.4	98.7	98.7	98.8	98.9
IV 300	72.9	84.3	88.3	90.8	93.3	94.5	96.1	97.2	97.3	98.2	98.8	98.8	99.1	99.1	99.3	99.4
IV 200	72.9	84.3	88.3	90.8	93.3	94.5	96.1	97.3	97.4	98.3	98.9	98.9	99.4	99.4	99.6	99.7
IV 100	72.9	84.4	88.3	90.8	93.3	94.5	96.1	97.3	97.4	98.4	98.9	98.9	99.4	99.4	99.6	99.8
IV 0	72.9	84.4	88.3	90.8	93.3	94.5	96.1	97.3	97.4	98.4	98.9	98.9	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6324

USAF ETAC

FORM 7-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430 LA CROSSE MAP, WI

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	36.5	47.4	41.3	42.0	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000	39.3	43.2	44.1	44.8	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 18000	39.3	43.2	44.1	44.8	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	39.3	43.2	44.1	44.8	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	40.2	44.1	45.1	45.8	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 12000	41.0	45.2	46.2	46.9	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 10000	45.2	49.6	50.6	51.4	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 9000	45.5	49.9	50.9	51.6	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 8000	46.7	51.1	52.1	52.8	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 7000	48.2	52.6	53.6	54.3	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 6000	48.6	53.2	54.2	54.9	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 5000	50.0	54.5	55.5	56.3	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 4500	50.7	55.3	56.3	57.0	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 4000	51.8	57.1	58.1	58.8	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 3500	52.7	58.0	59.1	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 3000	54.7	60.4	62.0	62.9	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 2500	58.4	64.9	66.6	67.7	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 2000	63.1	70.5	72.4	73.8	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 1800	63.9	71.4	73.3	74.8	75.3	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 1500	66.7	75.3	78.0	79.5	80.2	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 1200	67.4	77.9	81.7	83.7	84.5	85.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 1000	67.8	79.1	83.7	86.1	87.5	88.3	89.8	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 900	67.8	79.2	84.0	86.5	88.0	88.8	90.3	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 800	67.8	79.5	84.6	87.1	88.7	89.6	91.4	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 700	67.8	79.6	84.8	87.2	88.9	89.9	92.1	93.0	93.0	93.4	93.4	93.4	93.4	93.5	93.5	93.5
IV 600	67.8	79.6	84.9	87.3	89.3	90.4	93.0	93.9	93.9	94.2	94.2	94.2	94.2	94.3	94.3	94.3
IV 500	67.8	79.6	84.9	87.3	89.7	90.8	93.4	94.6	94.6	95.1	95.1	95.1	95.1	95.2	95.2	95.2
IV 400	67.8	79.6	84.9	87.3	89.8	90.9	93.7	95.2	95.2	95.7	96.2	96.2	96.2	96.6	96.6	96.6
IV 300	67.8	79.6	84.9	87.3	89.8	90.9	94.3	96.2	96.2	96.7	97.2	97.2	97.3	98.0	98.0	98.0
IV 200	67.8	79.6	84.9	87.3	89.8	90.9	94.3	96.2	96.2	96.8	97.3	97.4	97.4	98.8	98.8	99.0
IV 100	67.8	79.6	84.9	87.3	89.8	90.9	94.3	96.2	96.2	96.8	97.3	97.4	97.4	98.8	98.8	99.6
IV 0	67.8	79.6	84.9	87.3	89.8	90.9	94.3	96.2	96.2	96.8	97.3	97.4	97.4	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 814



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	35.4	40.2	40.3	40.8	40.9	40.9	40.9	40.9	40.9	41.1	41.1	41.1	41.1	41.1	41.2	41.2
≥ 20000	37.3	42.2	42.3	42.8	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.3	43.3
IV 18000	37.4	42.3	42.4	42.9	43.1	43.1	43.1	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.4	43.4
IV 16000	37.4	42.3	42.4	42.9	43.1	43.1	43.1	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.4	43.4
IV 14000	37.9	42.8	42.9	43.4	43.6	43.6	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.9	43.9
IV 12000	39.0	43.9	44.0	44.5	44.7	44.7	44.7	44.7	44.7	44.9	44.9	44.9	44.9	44.9	45.0	45.0
IV 10000	43.8	48.9	49.4	49.9	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.4	50.4
IV 9000	44.1	49.3	49.8	50.2	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.7	50.7
IV 8000	44.5	49.6	50.1	50.6	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1
IV 7000	45.2	50.5	51.0	51.5	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	52.0	52.0
IV 6000	46.2	51.6	52.1	52.6	52.8	52.8	52.9	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.2	53.2
IV 5000	47.8	53.9	54.4	54.9	55.1	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5
IV 4500	48.0	54.2	54.7	55.1	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.8	55.8
IV 4000	48.7	55.4	55.9	56.4	56.6	56.6	56.7	56.7	56.7	56.9	56.9	56.9	56.9	56.9	57.0	57.0
IV 3500	49.4	56.4	56.9	57.4	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	58.0	58.0
IV 3000	51.2	58.8	59.3	59.8	60.0	60.0	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.5
IV 2500	54.3	62.1	63.4	63.8	64.1	64.1	64.2	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.6	64.6
IV 2000	58.5	67.0	68.4	69.4	69.7	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.5	70.5
IV 1800	59.4	68.4	69.7	70.8	71.2	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9
IV 1500	61.6	71.7	74.1	75.2	76.0	76.2	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	77.0	77.0
IV 1200	62.9	74.4	77.9	79.5	80.6	81.0	81.4	81.7	81.7	81.9	81.9	81.9	81.9	81.9	82.0	82.0
IV 1000	63.2	76.1	80.6	82.7	84.9	85.4	86.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5
IV 900	63.2	76.3	81.5	83.9	86.3	86.8	87.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.1
IV 800	63.2	77.2	83.0	85.8	88.0	89.2	90.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	92.0	92.0
IV 700	63.2	77.2	83.0	85.7	88.4	90.0	91.7	92.9	92.9	93.1	93.3	93.3	93.3	93.3	93.4	93.4
IV 600	63.2	77.3	83.1	85.9	89.2	90.8	93.0	94.5	94.5	94.7	94.9	94.9	94.9	94.9	95.0	95.0
IV 500	63.2	77.3	83.1	85.9	89.8	91.8	94.2	96.1	96.1	96.4	96.6	96.6	96.6	96.6	96.7	96.7
IV 400	63.2	77.3	83.1	85.9	89.8	91.8	94.5	96.3	96.3	96.8	97.1	97.1	97.1	97.1	97.2	97.2
IV 300	63.2	77.3	83.1	85.9	89.8	91.8	95.0	96.9	96.9	97.4	97.8	97.8	97.8	97.8	98.2	98.2
IV 200	63.2	77.3	83.1	85.9	89.8	91.8	95.1	97.1	97.1	97.5	97.9	97.9	97.9	98.2	98.2	98.2
IV 100	63.2	77.3	83.1	85.9	89.8	91.8	95.1	97.1	97.1	97.5	97.9	97.9	97.9	98.2	98.2	98.2
IV 0	63.2	77.3	83.1	85.9	89.8	91.8	95.1	97.1	97.1	97.5	97.9	97.9	97.9	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 816



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	28.3	34.3	35.7	36.3	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 20000	30.7	36.9	38.4	39.2	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 18000	30.9	37.1	38.5	39.4	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 16000	30.9	37.1	38.5	39.4	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 14000	31.2	37.4	38.9	39.7	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 12000	32.3	38.5	40.0	40.8	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 10000	37.8	44.7	46.3	47.1	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 9000	38.9	45.9	47.5	48.4	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 8000	40.0	47.5	49.1	49.9	50.4	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 7000	41.3	48.8	50.7	51.5	52.1	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 6000	42.9	50.7	52.5	53.3	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 5000	44.3	52.7	54.9	55.8	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4500	44.6	53.2	55.4	56.3	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000	44.8	54.3	57.0	57.8	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3500	45.8	55.9	58.6	59.4	60.0	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 3000	47.4	58.3	61.2	62.2	62.8	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 2500	49.6	61.2	64.2	65.1	65.7	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 2000	51.6	64.3	67.4	68.7	69.5	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1800	52.0	65.1	68.5	69.7	70.7	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1500	53.2	67.4	71.4	72.8	74.1	74.7	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1200	55.2	70.6	76.2	78.0	79.6	80.2	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1000	55.7	72.5	78.6	81.2	83.1	83.8	84.6	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 900	58.7	73.1	79.6	82.7	84.8	85.5	86.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	55.7	73.5	80.1	83.6	85.9	87.1	88.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 700	55.8	73.6	80.3	84.3	87.0	88.9	90.6	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 600	55.9	73.9	80.7	84.8	87.6	89.7	91.4	92.7	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500	56.0	74.0	80.8	84.9	88.1	90.4	92.3	94.4	94.5	95.3	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	56.0	74.0	80.8	84.9	88.1	90.4	92.7	95.1	95.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	56.0	74.0	80.9	85.1	88.2	90.6	93.0	95.4	95.8	96.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200	56.0	74.0	80.9	85.1	88.2	90.6	93.3	95.9	96.0	97.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	56.0	74.0	80.9	85.1	88.2	90.6	93.3	95.9	96.0	97.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 0	56.0	74.0	80.9	85.1	88.2	90.6	93.3	95.9	96.0	97.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 823

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0
NO CEILING	30.6	35.1	36.6	36.8	36.8	36.9	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 20000	35.4	40.1	42.2	42.6	42.6	42.8	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 18000	35.6	40.3	42.4	42.9	42.9	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 16000	35.6	40.3	42.4	42.9	42.9	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 14000	36.1	41.1	43.1	43.7	43.7	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 12000	37.4	42.6	44.7	45.3	45.3	45.4	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 10000	40.6	46.2	48.2	48.8	48.8	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 9000	41.2	46.8	48.8	49.5	49.5	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000	42.6	49.1	51.3	51.9	51.9	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 7000	43.9	50.8	53.0	53.8	53.8	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 6000	45.4	53.1	55.7	56.6	56.6	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 5000	46.8	54.7	57.2	58.2	58.2	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 4500	47.9	55.8	58.3	59.3	59.3	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4000	49.0	57.0	59.5	60.5	60.5	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 3500	49.9	58.1	60.6	61.6	61.6	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 3000	51.4	60.1	62.8	64.0	64.0	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 2500	52.0	61.6	64.4	65.7	65.7	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 2000	53.6	64.0	67.2	69.0	69.0	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 1800	53.9	65.2	68.5	70.4	70.8	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1500	54.7	66.7	70.6	72.9	73.3	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1200	56.0	69.5	74.0	76.9	77.3	78.0	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1000	57.5	72.4	77.9	81.8	82.6	83.4	84.0	84.8	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1
≥ 900	57.5	72.5	78.7	82.9	83.8	84.6	85.2	86.0	86.0	86.0	86.1	86.1	86.3	86.3	86.3	86.3
≥ 800	57.5	72.8	79.2	83.5	85.1	86.0	86.8	87.6	87.6	87.8	88.1	88.1	88.2	88.2	88.2	88.2
≥ 700	57.5	72.9	79.3	83.8	85.7	87.2	88.9	90.0	90.2	90.9	91.4	91.4	91.5	91.5	91.5	91.5
≥ 600	57.5	72.9	79.3	84.1	86.1	87.7	89.8	91.4	91.5	92.6	93.2	93.2	93.3	93.3	93.3	93.3
≥ 500	57.6	73.0	79.5	84.2	86.5	88.2	90.6	92.8	93.0	94.9	96.0	96.0	96.4	96.4	96.4	96.4
≥ 400	57.6	73.0	79.5	84.2	86.5	88.2	90.6	93.4	93.6	95.6	96.8	96.8	97.3	97.3	97.3	97.3
≥ 300	57.6	73.0	79.5	84.2	86.5	88.3	90.8	93.7	93.8	96.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	57.6	73.0	79.5	84.2	86.5	88.3	90.9	93.8	94.0	96.6	97.8	97.8	98.5	98.5	98.8	99.4
≥ 100	57.6	73.0	79.5	84.2	86.5	88.3	90.9	93.8	94.0	96.6	97.8	97.8	98.7	98.7	98.9	100.0
≥ 0	57.6	73.0	79.5	84.2	86.5	88.3	90.9	93.8	94.0	96.6	97.8	97.8	98.7	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 821



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
LOCAL TIME

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	34.6	38.1	38.8	38.9	38.9	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	38.8	43.0	43.7	43.8	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 18000	38.8	43.0	43.7	43.8	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 16000	38.8	43.0	43.7	43.8	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 14000	39.8	44.0	44.8	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
IV 12000	40.9	45.1	45.9	46.0	46.0	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 10000	44.2	48.6	49.5	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 9000	45.1	49.5	50.3	50.4	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 8000	45.9	50.8	51.6	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 7000	48.0	53.0	53.8	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 6000	48.6	53.7	54.7	54.9	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 5000	51.0	56.3	57.3	57.5	57.6	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 4500	51.8	57.0	58.0	58.2	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 4000	52.9	58.2	59.2	59.5	59.6	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 3500	53.6	59.0	60.0	60.3	60.4	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 3000	55.3	61.1	62.0	62.5	62.6	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 2500	58.0	64.0	65.1	65.7	65.8	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 2000	62.6	69.7	71.2	71.9	72.2	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 1800	63.4	71.2	72.8	73.5	73.9	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 1500	64.5	74.2	77.0	77.9	78.3	78.9	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 1200	66.7	77.7	81.0	82.2	82.8	83.4	83.5	84.1	84.1	84.6	84.6	84.6	84.6	84.6	84.6
IV 1000	67.0	79.1	83.0	84.5	85.7	86.4	86.7	87.4	87.4	88.0	88.4	88.4	88.4	88.4	88.4
IV 900	67.0	79.1	83.4	85.1	86.4	87.3	87.5	88.3	88.3	89.3	89.6	89.6	89.6	89.6	89.6
IV 800	67.0	79.2	83.6	85.3	87.3	88.3	88.8	89.6	89.6	90.6	91.2	91.2	91.3	91.3	91.3
IV 700	67.0	79.2	83.8	85.5	87.7	89.1	90.0	91.2	91.2	92.3	93.2	93.2	93.7	93.7	93.7
IV 600	67.0	79.2	84.0	85.7	88.5	90.1	91.6	93.2	93.2	94.3	95.1	95.1	95.6	95.6	95.6
IV 500	67.0	79.2	84.0	85.7	88.5	90.1	92.1	94.3	94.3	96.0	97.1	97.1	97.7	97.7	97.7
IV 400	67.0	79.2	84.0	85.7	88.5	90.1	92.1	94.3	94.3	96.2	97.6	97.6	98.2	98.2	98.2
IV 300	67.0	79.2	84.0	85.7	88.5	90.1	92.1	94.3	94.3	96.2	97.9	97.9	98.5	98.5	98.5
IV 200	67.0	79.2	84.0	85.7	88.5	90.1	92.1	94.3	94.3	96.3	98.0	98.0	98.7	98.7	98.7
IV 100	67.0	79.2	84.0	85.7	88.5	90.1	92.1	94.3	94.3	96.3	98.0	98.0	98.7	98.7	98.7
IV 0	67.0	79.2	84.0	85.7	88.5	90.1	92.1	94.3	94.3	96.3	98.0	98.0	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 819



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	36.3	39.2	39.3	39.4	39.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	40.1
≥ 20000	41.1	44.3	44.5	44.6	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.3
IV 18000	41.1	44.3	44.5	44.6	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.3
IV 16000	41.1	44.3	44.5	44.6	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.3
IV 14000	42.4	45.7	45.8	45.9	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.7
IV 12000	43.2	46.6	46.7	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.5
IV 10000	47.2	51.1	51.2	51.4	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.1
IV 9000	47.8	51.7	51.8	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.7
IV 8000	49.5	53.6	53.7	53.8	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.6
IV 7000	51.6	56.0	56.3	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.1
IV 6000	52.3	57.0	57.4	57.6	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.4
IV 5000	54.4	59.1	59.5	59.7	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.5
IV 4500	54.6	59.2	59.6	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.6
IV 4000	56.3	61.1	61.5	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.7
IV 3500	56.9	61.7	62.1	62.3	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.3
IV 3000	58.3	63.2	63.5	64.0	64.3	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.1
IV 2500	61.7	66.7	67.2	67.7	68.0	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.8
IV 2000	66.0	73.0	74.1	75.0	75.2	76.2	76.4	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	77.1
IV 1800	66.7	74.9	76.1	77.0	77.2	78.2	78.4	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	79.2
IV 1500	67.5	78.9	80.5	81.9	82.3	83.4	83.6	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.4
IV 1200	68.2	80.4	82.6	84.2	84.7	86.2	86.5	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	87.2
IV 1000	68.5	81.3	84.4	86.0	86.9	88.5	89.0	89.5	89.5	90.1	90.3	90.3	90.3	90.3	90.3	90.6
IV 900	68.5	81.3	84.6	86.2	87.2	89.0	89.5	90.0	90.0	90.9	91.0	91.0	91.0	91.0	91.0	91.4
IV 800	68.5	81.4	84.9	86.7	87.8	89.8	90.4	91.5	91.5	93.0	93.1	93.1	93.1	93.1	93.1	93.5
IV 700	68.5	81.4	85.0	86.8	87.9	90.1	91.0	92.5	92.5	94.1	94.2	94.2	94.2	94.2	94.2	94.6
IV 600	68.5	81.4	85.1	87.1	88.5	90.9	92.0	93.6	93.6	95.2	95.6	95.6	95.6	95.6	95.6	95.9
IV 500	68.5	81.4	85.1	87.1	88.5	90.9	92.1	94.0	94.0	95.8	96.8	96.8	96.8	96.8	96.8	97.3
IV 400	68.5	81.4	85.1	87.1	88.7	91.0	92.4	94.2	94.2	96.4	97.8	97.8	97.8	97.8	97.8	98.4
IV 300	68.5	81.4	85.1	87.1	88.7	91.0	92.6	94.5	94.5	96.7	98.2	98.2	98.2	98.2	98.2	98.9
IV 200	68.5	81.4	85.1	87.1	88.7	91.0	92.6	94.5	94.5	96.7	98.2	98.2	98.2	98.2	98.2	98.9
IV 100	68.5	81.4	85.1	87.1	88.7	91.0	92.6	94.5	94.5	96.7	98.2	98.2	98.2	98.2	98.2	98.9
IV 0	68.5	81.4	85.1	87.1	88.7	91.0	92.6	94.5	94.5	96.7	98.2	98.2	98.2	98.2	98.2	98.9

TOTAL NUMBER OF OBSERVATIONS 812



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .5	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0
NO CEILING	37.3	40.4	40.8	41.2	41.2	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.8	41.8	41.9
≥ 20000	41.9	45.4	46.0	46.4	46.4	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.1
≥ 18000	41.9	45.4	46.0	46.4	46.4	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.1
≥ 16000	41.9	45.4	46.0	46.4	46.4	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.1
≥ 14000	42.4	45.9	46.5	46.9	46.9	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.5	47.5	47.6
≥ 12000	43.2	46.9	47.5	47.9	48.0	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.6	48.6	48.8
≥ 10000	47.5	51.2	52.0	52.4	52.5	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.2
≥ 9000	47.9	51.6	52.4	52.7	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.5	53.5	53.6
≥ 8000	48.4	52.1	52.9	53.2	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.0	54.0	54.1
≥ 7000	49.9	53.8	54.6	55.0	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.7	55.7	55.8
≥ 6000	51.2	55.2	56.0	56.3	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.2
≥ 5000	52.7	57.3	58.1	58.7	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.6
≥ 4500	53.2	58.1	58.8	59.4	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.2	60.2	60.3
≥ 4000	54.6	59.6	60.4	61.0	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.3
≥ 3500	56.5	61.5	62.4	63.0	63.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.3
≥ 3000	58.8	64.1	65.0	65.8	66.5	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.4
≥ 2500	62.2	68.5	69.5	70.3	71.2	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	72.1	72.1	72.2
≥ 2000	64.9	73.6	74.9	75.8	76.8	77.2	77.5	77.7	77.7	77.8	77.8	77.8	77.8	78.0	78.0	78.2
≥ 1800	65.6	75.3	76.7	77.8	78.8	79.2	79.5	79.7	79.7	79.8	79.8	79.8	79.8	80.0	80.0	80.1
≥ 1500	67.4	79.3	81.3	82.8	84.1	84.6	85.1	85.2	85.2	85.6	85.6	85.6	85.6	86.0	86.0	86.1
≥ 1200	67.7	81.1	84.1	86.0	87.5	88.0	88.6	88.8	88.8	89.2	89.2	89.2	89.2	89.6	89.6	89.7
≥ 1000	68.0	81.9	86.1	88.3	90.2	91.1	91.9	92.2	92.2	92.6	92.6	92.6	92.6	92.9	92.9	93.1
≥ 900	68.0	81.9	86.1	88.5	90.3	91.4	92.4	92.8	92.8	93.2	93.2	93.2	93.2	93.5	93.5	93.7
≥ 800	68.0	81.9	86.1	88.7	90.6	91.7	92.9	93.7	93.7	94.3	94.3	94.3	94.3	94.9	94.9	95.0
≥ 700	68.0	81.9	86.1	88.8	90.7	91.9	93.3	94.4	94.4	95.0	95.3	95.3	95.3	95.9	95.9	96.0
≥ 600	68.0	82.0	86.4	89.2	91.3	92.6	93.9	95.4	95.4	96.0	96.3	96.3	96.3	96.9	96.9	97.0
≥ 500	68.0	82.1	86.5	89.5	91.7	93.1	94.7	96.4	96.4	97.1	97.4	97.4	97.4	98.0	98.0	98.1
≥ 400	68.0	82.1	86.5	89.6	91.8	93.3	94.9	96.7	96.7	97.6	97.9	97.9	97.9	98.5	98.5	99.0
≥ 300	68.0	82.1	86.5	89.6	91.8	93.3	94.9	96.7	96.7	97.8	98.1	98.1	98.1	99.0	99.1	99.5
≥ 200	68.0	82.1	86.5	89.6	91.8	93.3	94.9	96.7	96.7	97.8	98.1	98.1	98.1	99.0	99.1	99.9
≥ 100	68.0	82.1	86.5	89.6	91.8	93.3	94.9	96.7	96.7	97.8	98.1	98.1	98.1	99.0	99.1	100.0
≥ 0	68.0	82.1	86.5	89.6	91.8	93.3	94.9	96.7	96.7	97.8	98.1	98.1	98.1	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 806



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
YEAR

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING ≥ 20000	36.9	39.5	40.7	41.2	41.3	41.5	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.9	41.9
IV 18000	39.4	41.9	43.3	43.9	44.0	44.2	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.6	44.6
IV 16000	39.4	41.9	43.3	43.9	44.0	44.2	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.6	44.6
IV 14000	40.5	43.1	44.6	45.3	45.4	45.5	45.6	45.8	45.8	45.9	45.9	45.9	45.9	45.9	46.0	46.0
IV 12000	41.2	43.8	45.4	46.0	46.1	46.2	46.4	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.7	46.7
IV 10000	45.9	48.7	50.4	51.2	51.3	51.4	51.5	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.0
IV 9000	46.1	49.3	51.0	51.8	51.9	52.0	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6
IV 8000	47.7	50.9	52.6	53.4	53.5	53.6	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2
IV 7000	48.7	51.9	53.6	54.4	54.5	54.6	54.7	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2
IV 6000	49.2	52.4	54.1	54.9	55.0	55.1	55.2	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7
IV 5000	50.3	53.8	55.7	56.5	56.6	56.7	56.8	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3
IV 4500	51.2	54.6	56.6	57.3	57.4	57.6	57.7	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.2	58.2
IV 4000	52.3	55.8	57.9	58.7	58.8	58.9	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5
IV 3500	53.8	57.6	59.7	60.4	60.5	60.6	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.3	61.3
IV 3000	56.9	61.1	63.5	64.5	65.1	65.2	65.3	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9
IV 2500	59.7	64.8	67.2	68.4	69.0	69.1	69.2	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.9	69.9
IV 2000	63.1	69.7	72.3	73.7	74.3	74.4	74.8	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
IV 1800	63.8	71.2	73.8	75.2	75.8	75.9	76.4	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0
IV 1500	65.9	76.0	79.1	80.4	81.2	81.3	81.9	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.8	82.8
IV 1200	66.5	78.4	82.5	84.0	84.7	84.9	85.5	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.7	86.7
IV 1000	66.5	79.2	84.5	86.7	87.9	88.6	89.4	90.5	90.5	90.9	90.9	90.9	90.9	90.9	91.0	91.0
IV 900	66.5	79.2	84.5	86.7	87.9	88.6	89.4	90.8	90.8	91.3	91.3	91.3	91.3	91.3	91.4	91.4
IV 800	66.5	79.5	84.7	87.1	88.6	89.2	90.4	92.1	92.1	92.9	93.0	93.0	93.0	93.0	93.1	93.1
IV 700	66.5	79.5	84.7	87.1	88.6	89.2	90.4	92.3	92.3	93.4	93.7	93.7	93.7	93.7	93.8	93.8
IV 600	66.5	79.7	85.1	87.6	89.1	89.7	90.9	93.0	93.1	94.2	94.7	94.7	94.7	94.7	94.8	94.8
IV 500	66.5	79.8	85.4	88.3	90.0	90.7	92.1	94.2	94.3	95.4	96.3	96.3	96.3	96.4	96.6	96.6
IV 400	66.5	79.8	85.4	88.3	90.2	91.0	92.7	95.0	95.1	96.2	97.0	97.0	97.0	97.2	97.4	97.4
IV 300	66.5	79.8	85.4	88.3	90.2	91.0	92.9	95.1	95.2	96.3	97.2	97.2	97.2	98.2	98.3	98.8
IV 200	66.5	79.8	85.4	88.3	90.2	91.0	92.9	95.1	95.2	96.3	97.2	97.2	97.2	98.2	98.3	98.8
IV 100	66.5	79.8	85.4	88.3	90.2	91.0	92.9	95.1	95.2	96.3	97.2	97.2	97.2	98.3	98.4	99.1
IV 0	66.5	79.8	85.4	88.3	90.2	91.0	92.9	95.1	95.2	96.3	97.2	97.2	97.2	98.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 811



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-01  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
NO CEILING	34.5	38.4	39.2	39.6	39.7	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.1
≥ 20000	38.0	42.1	43.0	43.5	43.6	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0	44.0
IV 18000	38.0	42.2	43.1	43.6	43.7	43.8	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.1
IV 16000	38.0	42.2	43.1	43.6	43.7	43.8	43.9	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.1
IV 14000	38.8	43.0	44.0	44.5	44.6	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	45.0
IV 12000	39.8	44.1	45.0	45.5	45.6	45.8	45.8	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0
IV 10000	43.9	48.6	49.7	50.2	50.4	50.5	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.8
IV 9000	44.5	49.2	50.3	50.8	51.0	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4
IV 8000	45.6	50.6	51.7	52.2	52.3	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
IV 7000	47.1	52.2	53.3	53.8	54.0	54.2	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.5
IV 6000	48.1	53.4	54.6	55.1	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8
IV 5000	49.7	55.3	56.6	57.2	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.9
IV 4500	50.2	55.9	57.2	57.8	58.0	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5
IV 4000	51.3	57.3	58.7	59.3	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.1
IV 3500	52.3	58.8	59.9	60.5	60.8	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3
IV 3000	54.2	60.8	62.4	63.2	63.6	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
IV 2500	56.9	64.2	65.9	66.8	67.2	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.9
IV 2000	60.4	69.0	71.0	72.1	72.6	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6
IV 1800	61.1	70.3	72.4	73.6	74.1	74.6	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2
IV 1500	62.7	73.7	76.5	77.9	78.7	79.2	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.9	79.9	80.0
IV 1200	63.8	76.2	80.0	81.8	82.7	83.3	83.7	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.4	84.4
IV 1000	64.3	77.7	82.3	84.6	86.1	86.9	87.7	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.9	88.9
IV 900	64.3	77.8	82.8	85.3	86.8	87.7	88.6	89.4	89.4	89.7	89.8	89.8	89.8	89.9	89.9	90.0
IV 800	64.3	78.1	83.3	85.9	87.7	88.8	89.9	90.9	90.9	91.5	91.6	91.6	91.6	91.7	91.8	91.8
IV 700	64.3	78.1	83.4	86.1	88.1	89.5	91.0	92.2	92.3	93.0	93.3	93.3	93.3	93.5	93.5	93.6
IV 600	64.3	78.2	83.6	86.5	88.7	90.2	91.9	93.4	93.5	94.3	94.7	94.7	94.7	94.8	94.8	94.9
IV 500	64.3	78.3	83.6	86.6	89.1	90.7	92.7	94.6	94.6	95.8	96.4	96.4	96.4	96.6	96.6	96.7
IV 400	64.3	78.3	83.6	86.6	89.2	90.8	93.0	95.0	95.1	96.4	97.1	97.2	97.5	97.5	97.6	97.6
IV 300	64.3	78.3	83.7	86.6	89.2	90.9	93.2	95.3	95.4	96.7	97.7	97.7	98.3	98.3	98.5	98.7
IV 200	64.3	78.3	83.7	86.6	89.2	90.9	93.3	95.4	95.5	96.9	97.8	97.8	98.6	98.6	98.9	99.4
IV 100	64.3	78.3	83.7	86.6	89.2	90.9	93.3	95.4	95.5	96.9	97.8	97.9	98.6	98.7	99.1	99.8
IV 0	64.3	78.3	83.7	86.6	89.2	90.9	93.3	95.4	95.5	96.9	97.8	97.9	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6526

USAF ETAC

FORM  
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

726430

LA CROSSE MAP, WI

73-81

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING ≥ 20000	45.5	48.8	49.6	50.0	50.3	50.4	50.5	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.8	50.8
IV 18000	49.4	53.2	54.1	54.5	54.9	55.0	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.4
IV 16000	49.4	53.2	54.1	54.6	54.9	55.0	55.1	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4
IV 14000	50.1	54.0	54.9	55.4	55.7	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2
IV 12000	51.2	55.2	56.1	56.6	57.0	57.0	57.2	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.5
IV 10000	55.1	59.6	60.6	61.1	61.5	61.6	61.7	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0
IV 9000	55.6	60.2	61.2	61.7	62.1	62.2	62.4	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.7
IV 8000	57.5	62.3	63.4	64.0	64.4	64.5	64.6	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	65.0
IV 7000	58.8	63.7	64.9	65.4	65.9	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4
IV 6000	60.1	65.3	66.5	67.1	67.6	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.2
IV 5000	62.0	67.5	68.7	69.4	69.9	70.0	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.5	70.5
IV 4500	62.6	68.2	69.5	70.1	70.6	70.7	70.9	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.2	71.2
IV 4000	64.6	70.5	71.9	72.6	73.1	73.2	73.4	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7
IV 3500	65.8	71.9	73.4	74.1	74.6	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.3
IV 3000	68.0	74.6	76.2	76.9	77.5	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.3
IV 2500	70.2	77.1	78.8	79.6	80.3	80.5	80.7	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.1
IV 2000	72.6	80.2	82.3	83.3	84.0	84.3	84.6	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.1
IV 1800	73.2	81.0	83.1	84.2	85.0	85.3	85.6	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0
IV 1500	74.4	82.9	85.4	86.6	87.6	88.0	88.4	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9
IV 1200	75.2	84.4	87.3	88.8	89.9	90.4	90.9	91.2	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.6
IV 1000	75.7	85.4	88.6	90.4	91.9	92.5	93.3	93.7	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.3
IV 900	75.8	85.6	88.9	90.8	92.4	93.1	93.9	94.4	94.4	94.8	94.9	94.9	95.0	95.0	95.0	95.1
IV 800	75.8	85.8	89.3	91.3	93.1	93.9	94.9	95.5	95.5	95.9	96.1	96.1	96.2	96.2	96.2	96.3
IV 700	75.9	85.9	89.5	91.6	93.4	94.3	95.5	96.1	96.2	96.7	96.9	96.9	97.0	97.0	97.0	97.1
IV 600	75.9	86.0	89.6	91.7	93.7	94.6	95.9	96.7	96.7	97.3	97.5	97.5	97.7	97.7	97.7	97.7
IV 500	75.9	86.0	89.7	91.9	93.9	94.9	96.3	97.2	97.2	98.0	98.3	98.3	98.5	98.5	98.6	98.6
IV 400	75.9	86.0	89.7	91.9	93.9	95.0	96.5	97.4	97.4	98.3	98.7	98.7	98.9	98.9	99.0	99.1
IV 300	75.9	86.0	89.7	91.9	93.9	95.0	96.5	97.5	97.5	98.4	98.9	98.9	99.2	99.2	99.3	99.4
IV 200	75.9	86.0	89.7	91.9	94.0	95.0	96.5	97.5	97.5	98.5	98.9	99.0	99.3	99.4	99.5	99.7
IV 100	75.9	86.0	89.7	91.9	94.0	95.0	96.5	97.5	97.6	98.5	99.0	99.0	99.3	99.4	99.6	99.9
IV 0	75.9	86.0	89.7	91.9	94.0	95.0	96.5	97.5	97.6	98.5	99.0	99.0	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 77031

USAF ETAC

FORM  
JUL 84

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



# CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEAR

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING ≥ 20000																
IV 18000																
IV 16000																
IV 14000																
IV 12000																
IV 10000																
IV 9000																
IV 8000																
IV 7000																
IV 6000																
IV 5000																
IV 4500																
IV 4000																
IV 3500																
IV 3000																
IV 2500																
IV 2000																
IV 1800																
IV 1500																
IV 1200																
IV 1000																
IV 900																
IV 800																
IV 700																
IV 600																
IV 500																
IV 400																
IV 300																
IV 200																
IV 100																
IV 0																

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM  
JUL 64

0-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



# CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEAR

MO

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .025	≥ 0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 0																

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,  
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE  
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE  
DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY  
SIGNIFICANT.



## SKY COVER

73-81

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	41.9			9.7						8.6	39.8	5.0	814
	03-05	42.6			7.4						8.6	41.3	5.1	823
	06-08	35.0			12.3						10.9	41.8	5.5	814
	09-11	25.3			13.3						16.6	44.8	6.4	814
	12-14	21.4			17.2						17.1	44.3	6.5	818
	15-17	24.7			15.7						15.8	43.8	6.3	822
	18-20	31.1			13.7						15.3	39.8	5.8	809
	21-23	36.9			11.1						11.3	40.6	5.4	812
TOTALS		32.4			12.6						13.0	42.0	5.8	6526



3

## FEB

73-81

726430

STATION

STATION NAME

PERIOD

MONTH \_\_\_\_\_

1

1

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



3  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

SKY COVER

726430

LA CROSSE MAP, WI

73-81

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	36.7			8.5						9.1	45.7	5.6	810
	03-05	31.3			10.9						9.8	47.9	6.0	823
	06-08	21.2			15.3						16.0	47.5	6.6	802
	09-11	19.0			15.0						16.9	47.0	6.9	819
	12-14	16.3			18.2						18.3	47.2	6.9	820
	15-17	15.5			17.4						19.1	48.1	7.0	822
	18-20	22.2			16.2						13.5	48.1	6.5	823
	21-23	30.8			12.9						9.5	46.8	5.9	809
TOTALS		24.1			14.3						14.3	47.3	6.4	6528

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



## SKY COVER

73-81

APR

**STATION**

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	35.7			11.8						9.5	42.9	5.5	787
	03-05	35.2			11.8						8.8	44.2	5.6	782
	06-08	21.4			15.6						18.1	44.8	6.6	794
	09-11	17.6			16.9						19.7	45.8	6.9	792
	12-14	16.2			17.8						22.2	43.8	6.9	790
	15-17	14.3			17.8						25.4	42.5	7.1	791
	18-20	17.4			21.7						18.0	42.8	6.6	787
	21-23	28.7			16.2						10.9	44.2	5.9	791
TOTALS	23.3				16.2						16.6	43.9	6.4	6314



3

726430 LA CROSSE MAP, WI

73-81

MAY

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	40.4			18.1						13.3	28.1	4.6	811
	03-05	30.6			20.5						17.1	31.8	5.3	811
	06-08	22.4			18.8						25.5	33.3	6.2	826
	09-11	18.1			23.1						22.0	36.7	6.3	821
	12-14	13.0			22.3						29.2	35.5	6.8	825
	15-17	13.9			23.7						24.5	38.0	6.7	822
	18-20	19.4			26.7						22.9	31.0	6.0	820
	21-23	31.3			23.1						17.8	27.8	5.1	821
TOTALS		23.6			22.0						21.5	32.8	5.9	6557



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

726430

LA CROSSE MAP, WI

73-81

JUN

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	43.2			17.9						13.5	25.3	4.3	805
	03-05	31.4			22.5						16.8	29.2	5.1	790
	06-08	23.3			23.7						19.9	33.2	5.8	790
	09-11	18.3			23.2						27.8	30.7	6.3	794
	12-14	11.0			26.5						34.2	28.3	6.7	789
	15-17	10.7			32.2						31.1	25.9	6.4	791
	18-20	19.1			30.3						26.3	24.3	5.7	791
	21-23	30.9			27.9						15.8	25.4	4.8	792
TOTALS		23.5			25.5						23.2	27.8	5.6	6342

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



3

72643C	LA CROSSE MAP,WI	73-81	JUL
STATION	STATION NAME	PERIOD	MONTH

LA CROSSE MAP, WI

73-81

JUL

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	46.1			19.9						12.1	21.9	3.9	804
	03-05	33.0			21.7						20.8	24.5	5.0	792
	06-08	21.8			25.2						22.0	31.0	5.8	804
	09-11	19.8			23.6						30.6	26.1	6.1	815
	12-14	10.5			32.9						34.2	22.4	6.3	811
	15-17	10.3			39.3						30.9	19.5	5.9	822
	18-20	24.1			34.8						23.1	18.0	4.9	810
	21-23	34.4			28.5						17.7	19.4	4.4	810
TOTALS		25.0			28.2						23.9	22.9	5.3	6468

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



## SKY COVER

AUG

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	43.4			17.2						12.3	27.1	4.3	808
	03-05	34.9			17.6						14.3	33.2	5.1	797
	06-08	17.6			19.2						21.3	41.9	6.7	795
	09-11	17.6			24.3						23.4	34.8	6.3	808
	12-14	12.9			32.3						27.3	27.5	6.2	805
	15-17	13.6			33.7						30.1	22.6	6.0	817
	18-20	19.7			35.9						23.3	21.2	5.3	817
	21-23	33.5			26.9						14.7	24.8	4.6	814
TOTALS		24.2			25.9						20.8	29.1	5.6	6461



## SKY COVER

SEP

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	48.7			12.6						9.0	29.7	4.2	778
	03-05	41.8			12.4						9.1	36.7	4.9	777
	06-08	22.9			20.0						15.6	41.5	6.2	774
	09-11	22.1			21.9						23.3	32.7	6.0	791
	12-14	16.8			26.3						25.3	31.5	6.2	797
	15-17	17.9			26.6						25.8	29.7	6.1	792
	18-20	28.2			25.7						20.4	25.7	5.2	794
	21-23	41.3			19.0						12.6	27.1	4.4	794
TOTALS		30.0			20.6						17.6	31.8	5.4	6297



## SKY COVER

OCT

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	42.1			14.0						9.8	34.0	4.7	805
	03-05	40.0			13.6						12.6	33.9	4.9	818
	06-08	24.3			17.8						19.6	38.3	6.1	811
	09-11	20.6			18.5						21.8	39.1	6.4	821
	12-14	18.3			22.4						24.2	35.1	6.4	813
	15-17	19.1			19.5						25.2	36.2	6.5	816
	18-20	27.6			17.2						18.6	36.6	5.9	822
	21-23	34.9			14.6						14.8	35.7	5.3	820
TOTALS		28.4			17.2						18.3	36.1	5.8	6524



## SKY COVER

73-81

NOV

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	36.2			9.2						9.7	44.9	5.6	793
	03-05	33.3			10.8						11.6	44.3	5.8	793
	06-08	23.4			12.1						16.9	47.6	6.6	786
	09-11	15.8			14.9						17.8	51.6	7.2	793
	12-14	14.8			17.6						21.5	46.1	7.1	785
	15-17	18.3			16.1						17.1	48.5	6.9	791
	18-20	25.6			11.8						13.2	49.4	6.5	797
	21-23	31.8			10.5						9.1	48.7	6.0	781
TOTALS		24.9			12.9						14.6	47.6	6.5	6319

FORM 8-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.



3

73-81

DEC

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	29.0			11.4						7.7	51.8	6.2	814
	03-05	28.7			10.2						9.3	51.8	6.3	815
	06-08	21.4			11.4						16.2	51.0	6.9	822
	09-11	12.7			15.6						20.0	51.8	7.4	822
	12-14	13.5			17.4						17.4	51.8	7.3	817
	15-17	14.7			16.9						16.3	52.0	7.2	809
	18-20	20.1			17.0						13.0	50.0	6.7	802
	21-23	25.3			12.7						8.6	53.4	6.5	811
TOTALS		20.7			14.1						13.6	51.7	6.8	6512



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

# SKY COVER

726430

LA CROSSE MAP, WI

73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	32.4			12.6						13.0	42.0	5.8	6526
FEB		27.8			13.9						15.8	42.5	6.1	5927
MAR		24.1			14.3						14.3	47.3	6.4	6528
APR		23.3			16.2						16.6	43.9	6.4	6314
MAY		23.6			22.0						21.5	32.8	5.9	6557
JUN		23.5			25.5						23.2	27.8	5.6	6342
JUL		25.0			28.2						23.9	22.9	5.3	6468
AUG		24.2			25.9						20.8	29.1	5.6	6461
SEP		30.0			20.6						17.6	31.8	5.4	6297
OCT		28.4			17.2						18.3	36.1	5.8	6526
NOV		24.9			12.9						14.6	47.6	6.5	6319
DEC		20.7			14.1						13.6	51.7	6.8	6512
TOTALS		25.7			18.6						17.8	38.0	6.0	76777



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

**NOTE:** Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

**NOTE:** The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) ‡ indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

\* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse



3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\Sigma X^2$ ), sums of values ( $\Sigma X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC  
726430 LA CROSSE MAP, WI  
STATION STATION NAME

48-31

YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10							.6	.4	.2				.1
9						1.3	5.0	3.3	.9				.9
8				.5	2.5	10.4	23.7	14.0	4.2				4.4
7				1.7	8.9	25.3	45.4	36.9	10.1	.6			10.8
6			.2	4.6	21.5	49.2	71.9	60.2	21.9	4.4			19.6
5			.5	8.5	36.1	72.5	91.3	82.1	39.9	12.5	.1		28.8
4			1.3	16.9	51.8	89.7	97.8	95.2	61.1	22.4	1.0		36.6
3			2.9	29.1	70.8	95.9	99.7	98.7	78.3	38.7	3.6		43.4
2		.7	7.0	43.5	84.7	98.7	100.0	99.9	92.0	55.3	9.9	.6	49.6
1	.1	1.2	11.6	57.9	92.7	99.8		100.0	97.2	71.9	18.3	1.4	54.6
0	.7	3.2	20.2	71.9	97.0	100.0			99.9	84.4	31.1	2.6	59.5
-1	2.4	6.6	30.6	84.8	99.6				100.0	92.5	42.8	5.2	63.9
-2	7.9	17.3	46.4	93.9	99.9					97.9	59.4	15.4	73.0
-3	21.2	34.4	68.4	98.5	100.0					99.8	76.7	31.2	77.7
-4	35.3	52.3	83.9	99.6						100.0	88.6	52.7	84.5
-5	51.5	68.2	92.6	100.0							95.2	69.4	89.7
-6	63.9	82.9	97.5								97.9	82.3	93.7
-7	75.0	89.9	99.2								99.3	88.9	96.0
-8	84.3	95.3	99.8								100.0	94.4	97.8
-9	90.5	98.1	99.9									98.2	98.9
-10	96.6	99.3	100.0									99.5	99.6
-11	99.2	100.0										99.9	99.9
-12	99.8											100.0	100.0
-13	100.0												100.0
MEAN	23.4	29.4	40.1	57.5	70.2	79.1	83.5	81.4	72.1	61.0	43.1	29.0	55.8
S.D.	12.52	11.13	11.59	12.16	10.48	7.95	6.77	7.35	9.42	10.89	11.72	10.95	23.53
TOTAL OBS.	1054	961	1054	1020	1054	1020	1054	1054	1020	1054	1020	1054	12419



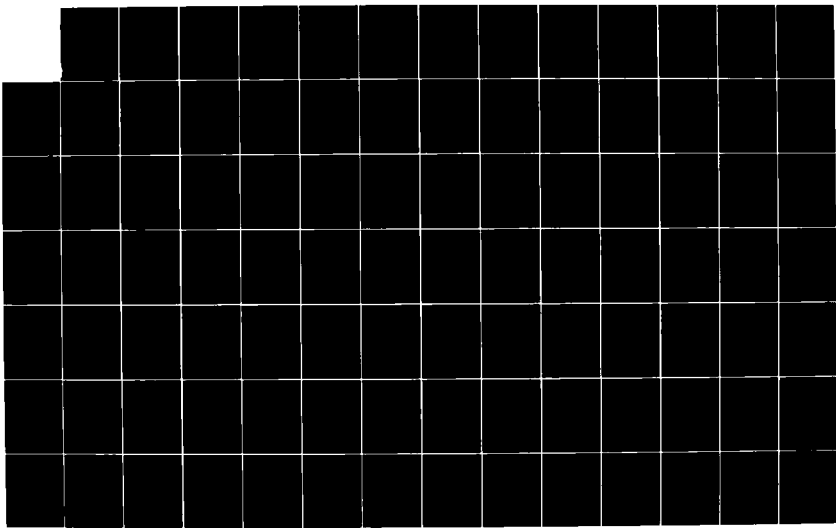
AD-A122 713

LA CROSSE MAP WISCONSIN REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERV..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. 30 JUL 82  
USAFETAC/DS-82/047 SBI-AD-EB80 208 F/G 4/2

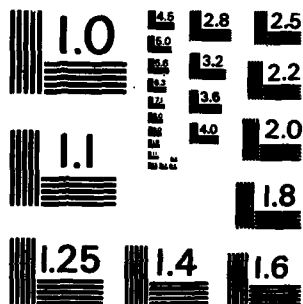
4/6

UNCLASSIFIED

NL







MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



## GLOBAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/HAC

72643 LA CROSSE MAP, WI

STATION

STATION NAME

98-81

YEARS

## DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
75						.5	1.8	1.7	.1				.3
70					.2	5.1	13.2	9.0	2.5	.2			2.5
65				.1	3.1	19.2	38.2	28.3	6.9	.9			8.1
60				1.5	12.1	41.9	67.2	55.7	16.2	3.0			16.6
55			.1	4.2	25.2	65.5	88.3	78.5	34.9	9.3	.5		25.7
50			.3	9.6	41.7	85.9	97.8	93.0	55.6	19.2	1.4		33.9
45			1.4	19.9	64.6	97.3	99.8	98.8	76.1	34.4	4.5	.2	41.6
40		.3	3.5	36.1	84.5	99.9	100.0	99.8	91.3	53.8	11.7	.5	48.7
35	.4	2.1	11.0	55.9	94.4	100.0		100.0	97.7	72.8	22.9	2.1	55.2
30	1.3	3.1	15.4	65.6	97.3				99.1	81.5	29.9	5.2	58.5
25	4.4	6.9	25.6	78.2	99.1				99.6	89.7	42.6	10.2	63.3
20	9.6	16.6	44.9	93.1	100.0				99.9	97.1	64.1	22.4	70.8
15	19.9	29.8	63.7	98.0					100.0	99.3	79.6	38.2	77.5
10	30.6	40.8	75.5	99.7						100.0	89.3	52.7	82.5
5	40.6	51.7	84.4	100.0							94.8	63.3	86.4
0	53.1	64.3	91.1								97.6	73.9	90.1
-5	61.8	74.9	95.9								98.9	81.8	92.8
-10	73.1	83.8	98.6								99.8	88.9	95.4
-15	82.5	90.9	99.5								100.0	95.3	97.4
-20	90.1	94.8	99.7									98.3	98.6
-25	96.1	97.9	99.9									99.7	99.5
-30	98.8	99.5										100.0	99.8
-35	99.6	99.8	100.0										100.0
-40	99.9	99.9											100.0
-45	100.0	100.0											100.0
MEAN	5.7	9.8	21.7	36.8	48.3	57.7	62.3	60.2	51.0	40.5	27.4	13.4	36.2
S.D.	14.889	14.298	11.448	9.148	8.788	7.162	6.302	7.034	8.710	9.522	10.409	13.319	22.158
TOTAL OBS.	1054	961	1054	1020	1054	1020	1054	1054	1020	1054	1020	1054	12419

USAFETAC FORM 6-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC  
 726430 LA CROSSE MAP, WI

# DAILY TEMPERATURES

48-81

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90							.1	.3					.0
85						.7	2.8	2.1	.3				.5
80					.6	6.5	15.2	10.2	3.2	.1			3.0
75				.3	4.8	21.2	40.8	31.0	7.5	.3			8.9
70				2.1	14.7	45.0	71.6	58.3	17.4	2.7			17.8
65			.1	5.2	28.5	71.2	93.1	82.7	34.2	9.0	.1		27.2
60			.4	12.8	47.4	91.0	99.3	96.7	59.0	21.0	.5		35.9
55			1.6	23.8	70.3	98.2	99.9	99.6	80.7	35.5	3.3		43.0
50		.3	4.5	38.8	86.4	99.9	100.0	99.9	94.4	55.9	9.6	.3	49.4
45	.1	1.2	10.9	58.0	96.4	100.0		100.0	98.7	73.9	20.7	.9	55.3
40	.6	3.0	20.5	78.3	99.2				100.0	89.3	34.2	3.4	61.0
35	4.4	9.9	36.1	91.9	99.9					96.8	54.7	10.4	67.2
30	13.2	23.8	59.1	97.9	100.0					99.2	72.8	27.5	74.7
25	26.5	39.9	75.0	99.6						100.0	87.0	45.5	81.3
20	40.4	53.0	88.4	99.9							92.8	60.9	86.1
15	53.1	67.8	92.9	100.0							97.6	73.3	90.5
10	62.6	79.5	97.5								98.8	82.7	93.5
5	74.8	88.1	99.3								99.8	89.8	96.0
0	83.4	93.5	99.6								100.0	95.1	97.6
-5	90.5	97.1	99.9									98.8	98.8
-10	96.9	99.5	100.0									99.8	99.7
-15	99.2	99.9										100.0	99.9
-20	100.0	100.0											100.0
MEAN	14.3	19.8	31.2	47.4	59.2	68.7	73.2	71.0	61.8	51.2	35.5	21.4	46.3
S.D.	13.312	12.193	10.812	9.868	8.783	8.918	8.860	8.816	8.310	9.431	10.475	11.656	22.384
TOTAL OBS.	1054	961	1054	1028	1854	1028	1864	1054	1028	1054	1028	1054	12419



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

72643  
STATION

LA CROSSE MAP, WI

STATION NAME

98-81

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
48	40	52	68	82	92	90	95	104	93	71	70	50	104
49	47	42	59	80	70	93	94	97	85	78	72	56	97
50	43	40	53	70	82	89	88	90	84	83	67	42	90
51	45	48	54	81	86	85	91	88	84	80	55	60	91
52	46	50	62	92	91	95	95	89	90	73	69	44	95
53	40	43	70	73	92	94	89	95	96	86	74	52	98
54	40	56	57	82	83	94	95	90	92	72	68	40	95
55	42	46	67	78	88	94	101	103	100	80	55	42	103
56	39	42	51	71	89	97	90	92	82	84	69	45	97
57	46	55	59	84	85	91	93	92	89	75	58	50	93
58	41	60	59	82	86	92	90	95	85	85	66	44	95
59	40	41	55	76	92	90	91	92	92	72	60	56	92
60	43	44	61	86	81	83	93	93	94	80	64	57	95
61	46	52	62	67	87	95	91	93	89	80	63	61	95
62	43	47	66	86	88	91	90	92	84	85	57	60	92
63	43	40	76	78	85	98	99	88	85	93	62	46	99
64	51	58	61	87	90	95	99	101	88	78	74	38	101
65	42	46	41	80	89	90	99	94	83	80	68	59	99
66	42	51	74	72	89	97	98	95	93	83	60	48	98
67	44	47	80	73	94	92	92	90	85	83	63	55	94
68	50	47	76	86	86	93	95	98	88	82	65	57	98
69	37	40	56	75	92	87	93	94	86	84	67	46	94
70	40	45	51	90	92	97	93	92	88	80	58	56	97
71	36	46	70	84	83	95	90	93	95	81	64	41	95
72	45	42	58	77	93	92	92	96	88	76	57	44	96
73	52	48	67	73	82	95	99	95	90	80	64	51	99
74	51	44	65	83	84	88	101	89	82	75	67	42	101
75	41	40	49	68	92	92	96	92	85	86	70	60	96
76	41	61	73	78	83	93	97	95	93	92	58	43	97
77	31	50	67	88	89	94	101	90	83	69	63	47	101
MEAN													
S.D.													
TOTAL OBS.													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-68-6 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)



# (AT LEAST ONE DAY LESS THAN 24 OBS)



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

726431 LA CROSSE MAP, WI  
STATION NAME

48-81

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
48	-21	-20	-17	22	30	46	44	45	38	20	14	-15	-21
49	-20	-25	4	17	35	47	50	43	23	20	11	-21	-25
50	-26	-19	-18	18	28	42	49	36	29	26	-10	-22	-26
51	-37	-24	-1	23	36	41	49	49	33	22	-1	-18	-37
52	-23	-7	2	21	38	47	52	51	40	19	4	3	-23
53	-11	-8	2	23	30	47	52	52	37	28	16	-10	-11
54	-20	-1	6	10	28	43	58	49	39	23	19	5	-20
55	-18	-12	-8	28	35	46	59	50	35	30	0	-15	-18
56	-19	-13	-8	17	36	42	55	47	34	29	2	-12	-19
57	-14	1	5	19	36	43	54	48	34	25	7	-3	-14
58	-9	-17	15	27	33	44	50	43	39	30	-2	-20	-20
59	-15	-21	-2	26	37	47	52	57	36	30	0	12	-21
60	-9	0	-9	22	32	44	50	49	42	22	13	-9	-9
61	-13	-4	19	20	32	46	53	52	32	29	16	-11	-13
62	-16	-17	-20	19	40	48	49	49	35	18	20	-17	-28
63	-31	-15	3	27	32	45	52	46	37	35	17	-18	-31
64	-8	1	8	22	42	41	54	43	34	23	-5	-19	-19
65	-31	-31	-13	24	32	46	50	40	33	24	14	8	-31
66	-24	-20	12	25	27	42	49	46	33	25	12	-6	-24
67	-31	-24	-5	28	27	43	44	42	28	26	10	-17	-31
68	-18	-4	11	23	32	45	49	47	39	27	20	-22	-22
69	-18	-13	1	26	34	42	49	51	37	17	16	-3	-18
70	-32	-17	12	22	34	45	48	49	35	27	7	-10	-32
71	-23	-36	2	18	26	46	49	44	38	31	11	2	-36
72	-24	-21	-12	11	36	40	46	45	32	15	18	-19	-24
73	-22	-7	21	22	29	51	52	50	36	33	14	-18	-22
74	-24	-16	-1	23	30	45	50	47	31	20	18	7	-24
75	-9	-22	-5	15	38	45	45	50	36	25	8	-4	-22
76	-22	-17	4	26	31	47	47	44	34	17	-3	-20	-22
77	-27	-12	11	25	36	44	51	44	41	29	-9	-16	-27
MEAN													
S.D.													
TOTAL OBS.													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-6 (10-6)

\* (AT LEAST ONE DAY LESS THAN 24 OBS)



WHOLE DEGREES FAHRENHEIT

[illegible]

**NOTES \* (BASED ON LESS THAN FULL MONTHS)**

USAF ETAG FORM 000-5 (OLA)

W (AT LEAST ONE DAY LESS THAN: 24 OBS)



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIP WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI  
STATION

73-81

YEARS

JAN  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
48 / 47	.2	.4																5	5	5	5				
46 / 45		.1																1	1	1	1				
44 / 43				.1														1	1						
42 / 41			.1	.1														2	2						
40 / 39	.5	.2																6	6	6	3				
38 / 37		.2	.1															3	3	3	3				
36 / 35	.1	1.2																11	11	8	1				
34 / 33	2.1	2.1																34	34	31	20				
32 / 31	2.0	1.8	.5	.1														36	36	33	37				
30 / 29	.9	2.0	.1															24	24	22	17				
28 / 27	1.8	1.8	.7															36	36	29	22				
26 / 25	1.8	3.5	.1															45	45	45	24				
24 / 23	1.2	3.8	.4															44	44	51	22				
22 / 21	2.0	2.2	.5															38	38	38	37				
20 / 19	2.6	2.8	.2															46	46	40	57				
18 / 17	.9	1.2	.6															22	22	29	34				
16 / 15	.6	.5	.2															11	11	13	24				
14 / 13	2.4	2.4	.1															41	41	31	25				
12 / 11	2.3	2.3	.2															40	40	45	21				
10 / 9	1.8	1.5	.2															29	29	34	38				
8 / 7	1.5	4.1	.1															47	47	40	40				
6 / 5	.5	1.7																18	18	28	19				
4 / 3	.5	3.8																35	35	32	13				
2 / 1	.7	2.9																30	30	28	33				
-1 / -1	4.0	1.0																41	41	46	20				
-2 / -3	2.9	1.7																38	38	39	23				
-4 / -5	2.6	1.1																30	30	31	27				
-6 / -7	2.9	.2																26	26	31	29				
-8 / -9	2.2																	18	18	19	38				
-10 / -11	2.2																	18	18	18	20				
-12 / -13	1.6																	13	13	13	27				
-14 / -15	1.0																	8	8	8	29				
-16 / -17	1.0																	8	8	8	29				
-18 / -19	1.1																	9	9	9	26				
Station (2)	S <sub>1</sub>		S <sub>2</sub>		T		C		No. Obs.		Mean No. of Hours with Temperature											Total			
Dry Bulb											≤ 0 F	≤ 32 F	≤ 67 F	≤ 79 F	≤ 80 F	≤ 93 F									
Wet Bulb																									
Dew Point																									

FORM 6-26-5 (OL A) UNITED STATES DEPARTMENT OF THE ARMY  
USAFETAC



## PSYCHROMETRIC SUMMARY

JAN  
MONTH

PAGE 2 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
-21/-21	.6																	5	5	5	15				
-22/-23	.1																	1	1	1	10				
-24/-25																					15				
-26/-27																					3				
-28/-29																					4				
-30/-31																					9				
TOTAL	48.5	46.7	4.4	.4														820	820	820	820				



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72643C LA CROSSE MAP, WI

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
48/ 47	.4	.1																4	4	3	3			
46/ 45																				1	1			
42/ 41	.1																	1	1	1	1			
41/ 39	.1	.2	.4															6	6	3	1			
38/ 37	.1		.1															2	2	1	3			
38/ 35	.5	1.0	.4															15	15	8	4			
34/ 33	2.2	1.2	.1	.2														31	31	29	18			
32/ 31	1.5	1.6		.1														26	26	29	19			
30/ 29	1.9	1.1	.1															26	26	24	35			
28/ 27	1.8	1.8	.4															33	33	27	19			
26/ 25	2.1	3.6																47	47	43	26			
24/ 23	1.0	2.1	.2															27	27	44	13			
22/ 21	1.9	1.9	.1	.2														35	36	27	39			
20/ 19	3.0	2.3	.2	.1														47	47	48	43			
18/ 17	1.0	1.2	.5															22	22	18	37			
16/ 15	1.3	2.3																30	30	31	32			
14/ 13	2.7	3.0																47	47	43	26			
11/ 11	.7	1.5																18	18	28	15			
10/ 9	1.8	1.1	.2															26	26	28	35			
7/ 7	2.4	2.2	.2															40	40	31	27			
5/ 5	1.0	2.7																30	30	37	30			
4/ 3	.5	3.2																30	30	28	25			
1/ 1	1.2	3.6																40	40	42	19			
1/ -1	3.4	1.3																39	39	37	24			
-2/ -3	2.2	1.3																29	29	35	19			
-4/ -5	3.7	1.0																33	33	35	34			
-6/ -7	3.9																	32	32	35	34			
-8/ -9	3.9																	32	32	32	25			
-10/-11	1.3																	11	11	11	20			
-12/-13	1.0																	8	8	8	26			
-14/-15	1.8																	15	15	15	40			
-16/-17	1.3																	11	11	11	26			
-18/-19	1.3																	11	11	11	29			
-20/-21	1.3																	11	11	11	14			
Element (X)	Σ <sub>1</sub>		Σ <sub>2</sub>		Σ <sub>3</sub>		Σ <sub>4</sub>		Σ <sub>5</sub>		Σ <sub>6</sub>		Σ <sub>7</sub>		Σ <sub>8</sub>		Σ <sub>9</sub>		Σ <sub>10</sub>		Σ <sub>11</sub>			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 10-66 0-26-5 (OL A) REVERSE SIDE OF THIS FORM ARE CALCULATIONS

USAFETAC



## PSYCHROMETRIC SUMMARY

**YEARS**

**JAN**  
**MONTH**

PAGE 2 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
-22/-23	.6																	5	5	5	19			
-24/-25	.2																	2	2	2	8			
-26/-27																					13			
-28/-29																					7			
-30/-31																					7			
-32/-33																					5			
-34/-35																					1			
TOTAL	54.7	91.5	3.0	.7															822		822			



## PSYCHROMETRIC SUMMARY

**YEARS**

**JAN**  
**MONTH**

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point						
44 / 47	.1	.2																3	3	3						
43 / 39	.4		.4															6	6	3						
36 / 35	1.1	.1	.2	.2														14	14	12						
34 / 33	1.4	1.1	.4	.1														24	24	13						
32 / 31	1.1	2.3																28	28	29						
31 / 29	2.2	1.5	.4															33	33	38						
26 / 27	2.5	1.2	.2															32	33	30						
26 / 25	1.7	2.6	.1															36	36	30						
24 / 23	.5	2.1		.2														23	23	32						
22 / 21	3.1	1.8		.1														41	41	36						
21 / 19	2.2	2.2	.1															37	37	39						
16 / 17	1.8	2.1	.4															35	35	34						
16 / 15	2.1	2.0																33	33	34						
16 / 13	1.2	1.7	.2															26	26	27						
11 / 11	1.5	.7																18	18	22						
11 / 9	1.6	1.6																26	26	26						
7 / 7	1.6	3.2																39	42	28						
6 / 5	1.2	3.0																34	34	44						
5 / 3	1.4	2.8																34	34	37						
2 / 1	1.2	3.0																34	34	29						
1 / -1	2.5	1.8																35	35	30						
-2 / -3	2.1	1.2																27	27	37						
-4 / -5	3.1	.9																32	32	31						
-6 / -7	4.6	.1																38	38	43						
-8 / -9	3.5																	28	28	29						
-10 / -11	3.5																	28	28	28						
-12 / -13	1.1																	9	10	9						
-14 / -15	1.8																	15	15	15						
-16 / -17	.9																	7	7	7						
-18 / -19	1.7																	14	14	14						
-20 / -21	1.7																	14	14	14						
-22 / -23	.5																	4	4	4						
-24 / -25	.2																	2	2	2						
-26 / -27	.2																	2	2	2						
Element (X)	Σ H <sup>2</sup>		Σ X		Σ	Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Σ	Σ	Σ	Σ	Σ	Total
Rel. Hum.											≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																										
Wet Bulb																										
Dew Point																										



## PSYCHROMETRIC SUMMARY

72643                      LA CROSSE MAP, WI  
STATION                      STATION NAME

73-81

YEARS

JAN  
MONTH

PAGE 2 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-1/-29																					10	
-1/-31																					3	
-2/-33																					4	
-3/-35																					3	
-5/-37																					2	
TOTAL	57.3	339.5	2.5	.7															811	816	811	
																			</			



## PSYCHROMETRIC SUMMARY

**YEARS**

**JAN**  
**MONTH**

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

72643                      LA CROSSE MAP, WI  
STATION                      STATION NAME

73-81

**YEARS**

**JAP**  
**MENT**

PAGE 2 0900-1100  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**YEARS**

JAN  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
54/ 53						.1												1	1					
52/ 51					.1	.1												2	2					
50/ 49			.1	.1	.1	.1												4	4					
48/ 47	.1			.2	.1	.1												5	5	2				
46/ 45	.1		.1	.1														3	3	2				
44/ 43	.4		.1	.1	.2	.2												9	9	5				
42/ 41	.1		.5	.2	.2													9	9	7				
40/ 39	.4		.6	.4	.1	.1												13	13	7				
38/ 37	.2	.2	1.1	.1														14	14	10				
36/ 35	.4	1.6	1.2	.1	.2													29	29	15				
34/ 33	1.3	1.8	1.1	.5														39	39	43				
32/ 31	1.1	1.8	2.3	.5														47	47	41				
30/ 29	1.1	2.9	1.2	.1														44	44	34				
28/ 27	.4	4.2	.5	.1														42	42	50				
26/ 25	.7	2.4	.9	.2														35	35	48				
24/ 23	.9	3.1	1.3	.2														45	45	43				
22/ 21	.5	2.3	2.1	.1														41	41	36				
20/ 19	.2	3.2	2.3															47	47	34				
18/ 17		2.1	1.7	.2														33	33	43				
16/ 15	.2	1.8	.9															24	24	37				
14/ 13	.1	2.3	2.0															36	36	27				
12/ 11	.1	5.1	1.0															51	51	33				
10/ 9	.1	4.3	1.2															46	46	53				
8/ 7	.4	4.7	.2															43	43	56				
6/ 5	.1	3.1	.1															27	27	42				
4/ 3	.1	2.8																24	24	26				
2/ 1		5.0																41	41	31				
0/ -1	.9	1.2																17	17	40				
-2/ -3	.1	1.3																12	12	13				
-4/ -5		1.2																10	10	8				
-6/ -7	1.0	.5																12	12	18				
-8/ -9	1.0																	8	8	9				
-10/-11	.2																	2	2	2				
-12/-13	.2																	2	2	2				
Element (X)	Σ X <sup>2</sup>	Σ X			Σ	Σ	No. Obs.				Mean No. of Hours with Temperature													
Dry Bulb											≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

YEARS

**JAN**  
**MONTH**

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
51 / 55						.2												2	2				
47 / 53						.1	.1											2	2				
27 / 51					.1													1	1				
50 / 49				.1	.2		.1											4	4				
45 / 47				.1	.2	.1	.1											5	5				
46 / 45				.4														3	3	2			
44 / 43	.4		.2	.1	.1	.1												8	8	8	3		
42 / 41			.4	.4	.1	.1												8	8	4			
40 / 39	.4	.1	.7	.4		.1												14	14	10	3		
36 / 37	.4	.5	1.2	.2	.1													20	20	10	3		
36 / 35	.7	1.6	.7	.2	.2													29	29	24	13		
34 / 33	1.5	3.2	.4	.6	.2													48	48	47	23		
72 / 31	1.3	2.1	1.1	.6														42	42	40	41		
30 / 29	1.2	1.7	1.1	.2														35	35	36	24		
26 / 27	1.0	3.3	1.1	.1														45	45	38	41		
26 / 25	.7	3.5	1.2	.2														47	47	46	25		
24 / 23	.6	2.3	1.1	1.0														41	41	50	14		
22 / 21		2.8	1.7															37	37	29	36		
20 / 19	.2	4.0	2.9	.4														62	63	48	47		
18 / 17		1.7	1.6	.1														28	28	42	33		
16 / 15		2.3	1.8															34	34	39	31		
14 / 13		2.9	1.8															39	39	37	29		
12 / 11	.9	2.9	1.5															43	43	38	32		
10 / 9		4.4	1.6															49	49	44	22		
8 / 7	.2	3.5	.1															32	32	57	20		
6 / 5		2.2	.1															19	19	30	28		
4 / 3		3.9																32	32	26	36		
2 / 1		4.6																38	38	37	44		
0 / -1	1.2	.9																17	17	38	27		
-1 / -3		1.2																10	10	8	38		
-4 / -5	.2	1.1																11	11	11	25		
-6 / -7	.7	.2																8	8	12	35		
-8 / -9	.5																	4	4	6	34		
-10 / -11	.2																	2	2	2	23		
Element (K)	25°		25°		X		°		No. Obs.		Mean No. of Hours with Temperature										Total		
Rel. Hum.											≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 12-64 0-26-5 (OL) REVERSE APPROXIMATE EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

72643-      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

**YEARS**

JAN  
MONTN

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI

73-81

JAN  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
47 / 47					.1														1	1				
46 / 45	.1																		1	1	1			
44 / 43	.2			.1															3	3	2			
42 / 41		.1	.1	.2															4	4				
41 / 39	.2	.4	.5																9	9	4			
38 / 37	.2	.2	.4	.1															8	8	10			
36 / 35	.7	2.4	.6	.1															31	31	15			
34 / 33	1.9	2.2	.5																37	37	40			
32 / 31	2.0	2.2	.6	.6															44	44	35			
31 / 29	.6	1.4	.7																22	22	31			
27 / 27	1.5	3.1	.4																40	40	32			
26 / 25	1.2	4.6	.2	.4															52	52	47			
24 / 23	.5	3.6	.7	.1															40	40	53			
22 / 21	1.0	3.1	.7																39	39	35			
21 / 19	1.1	2.6	1.7	.2															46	46	37			
18 / 17	.2	2.4	1.4																32	32	35			
16 / 15	.1	2.2	.2																21	21	33			
14 / 13	.2	2.5	.9																29	29	24			
13 / 11	1.6	2.6	.4																37	37	35			
11 / 9	.5	3.8	.5																39	39	33			
8 / 7	.6	3.8	.1																37	37	50			
6 / 5	.5	3.7																	34	34	35			
4 / 3	1.1	4.2																	43	44	45			
1 / 1	.6	3.5																	33	33	36			
1 / -1	3.0	1.2																	34	34	39			
-1 / -3	.5	2.4																	23	23	24			
-4 / -5	.9	2.2																	25	25	22			
-6 / -7	1.5	.4																	15	15	24			
-8 / -9	1.4																		11	11	13			
-10 / -11	.6																		5	5	5			
-12 / -13	.5																		4	4	4			
-14 / -15	.6																		5	5	5			
-16 / -17	.2																		2	2	2			
-18 / -19																								
Element (X)	ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX		ΣX			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								
No. Obs.																								
Mean No. of Hours with Temperature																								







GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI

73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
47 / 47		.1																1	1	1	1				
46 / 45		.1																1	1	1	1				
44 / 43	.1	.2																3	3	2	2				
42 / 41		.1	.1	.1														3	3	2	2				
40 / 39	.5	.6																9	9	8	3				
38 / 37		.2	.2															4	4	3	5				
36 / 35	.5	2.6	.1															26	26	12	3				
34 / 33	1.7	1.5	.2															28	28	34	16				
32 / 31	1.7	1.6	.7	.2														35	35	27	46				
30 / 29	1.3	1.3	.5															26	26	25	18				
28 / 27	1.5	2.5	.4	.1														36	36	34	17				
26 / 25	2.3	4.4	.1	.1														57	57	47	20				
24 / 23	1.3	2.6	.4															35	35	55	35				
22 / 21	1.7	3.9	.6															51	51	37	39				
20 / 19	1.5	2.7	.7															40	40	43	45				
18 / 17	.4	1.1	.9															19	19	25	40				
16 / 15	1.0	2.0	.1															25	25	27	24				
14 / 13	.7	3.1	.5															35	35	24	24				
12 / 11	1.3	1.7	.1															26	26	43	21				
10 / 9	.5	4.2	.1															39	39	22	23				
8 / 7	1.2	3.7																40	40	44	35				
6 / 5	.7	2.3																25	25	39	25				
4 / 3	.7	2.8																29	29	32	25				
2 / 1	1.7	4.0																47	47	41	37				
0 / -1	4.3	.9																42	42	47	24				
-2 / -3	1.3	2.8																34	34	32	21				
-4 / -5	2.1	1.6																30	30	30	43				
-6 / -7	2.5	.4																23	23	29	43				
-8 / -9	1.5																	12	12	15	27				
-10 / -11	1.6																	13	13	13	21				
-12 / -13	.2																	2	2	2	16				
-14 / -15	.6																	5	5	5	29				
-16 / -17	.7																	6	6	6	21				
-18 / -19	.9																	7	7	7	29				
Element (X)	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Mean No. of Hours with Temperature						
Ref. Num.																			≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-36-5 (OL A) REPRODUCED BY THE AIR FORCE

USAFETAC



## PSYCHROMETRIC SUMMARY

**YEARS**



MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81  
YEARS

JAN  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point													
50/ 55						.0												2	2														
47/ 53						.0	.0											3	3														
52/ 51					.0	.0												3	3														
50/ 49			.0	.0	.0	.0	.0											8	8														
44/ 47	.2	.1		.1		.0	.0											28	28	17	16												
46/ 45	.0	.0	.0	.1		.0	.0											9	9	8	6												
44/ 43	.1	.0	.1	.1	.0	.0												26	26	17	10												
42/ 41	.0	.0	.2	.1	.0	.0												31	31	16	5												
40/ 39	.4	.2	.4	.1	.0	.0												69	69	46	22												
36/ 37	.1	.2	.5	.1	.0													60	60	43	17												
36/ 35	.6	1.3	.5	.1	.1													169	169	106	55												
34/ 33	1.7	1.8	.4	.2	.0													274	274	264	144												
32/ 31	1.5	1.9	.8	.3														291	291	258	253												
29/ 29	1.4	1.8	.6	.0														249	249	254	196												
28/ 27	1.5	2.6	.5	.0														301	302	272	205												
26/ 25	1.4	3.6	.4	.1														362	362	348	225												
24/ 23	.8	2.8	.5	.2														282	282	366	164												
22/ 21	1.6	2.7	.8	.1														330	332	281	300												
20/ 19	1.6	2.8	1.1	.1														366	367	327	387												
18/ 17	.6	1.7	1.0	.0														219	219	260	267												
16/ 15	.7	1.9	.4															197	198	233	232												
14/ 13	1.0	2.7	.7															288	288	237	193												
12/ 11	1.1	2.5	.5															265	265	276	200												
10/ 9	.9	3.0	.6															290	290	279	211												
8/ 7	1.1	3.7	.1															319	322	344	206												
6/ 5	.6	2.9	.0															228	228	300	190												
4/ 3	.6	3.3																256	257	268	209												
2/ 1	.8	3.8																300	300	274	284												
0/ -1	2.8	1.2																265	265	323	210												
-2/ -3	1.4	1.7																199	199	221	238												
-4/ -5	1.8	1.3																199	199	194	241												
-6/ -7	2.4	.2																172	172	216	249												
-8/ -9	2.1																	135	135	145	253												
-10/ -11	1.4																	93	93	93	193												
Element (X)	Σ H <sup>1</sup>					Σ H	R	°A	No. Obs.										Mean No. of Hours with Temperature										Total				
Rel. Hum.																			≥ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F									
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

FORM 0-26-5 (01-4) REPRODUCED BY THE AIR FORCE

USAFETAC



## PSYCHROMETRIC SUMMARY

73-81

JAN  
MONTH

**PAGE 2**

**ALL**  
**HOURS (L. S. T.)**

[illegible]



## PSYCHROMETRIC SUMMARY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81

YEARS

FEB  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
50 / 49			.3	.3														4	4															
48 / 47			.1	.1														2	2															
46 / 45																				3														
44 / 43		.1	.4															4	4	2														
42 / 41	.1	.1	.1															3	3	4														
40 / 39	.4	.4	.5	.3														12	12	6														
38 / 37	.3	1.2	1.1	.3														21	21	9														
36 / 35	1.8	1.5	.7															29	29	23														
34 / 33	1.8	3.1	.4															39	40	18														
32 / 31	1.8	3.5	.5															43	44	30														
30 / 29	1.8	1.8	.7															31	31	34														
28 / 27	2.4	2.8	.7															44	44	50														
26 / 25	1.6	4.1	.3															44	44	32														
24 / 23	.7	3.1	.1															29	29	15														
22 / 21	1.2	1.8	.3															24	24	37														
20 / 19	2.3	4.5																48	49	34														
18 / 17	.7	2.6	.1															25	25	33														
16 / 15	1.5	2.7	.1															32	32	39														
14 / 13	1.2	2.3																26	26	33														
12 / 11	1.4	2.4																28	28	27														
10 / 9	.9	3.7	.7															39	39	24														
8 / 7	1.1	4.1																38	38	24														
6 / 5	.9	2.7																27	27	11														
4 / 3	1.5	1.5																22	22	30														
2 / 1	2.4	1.5																29	29	38														
0 / -1	3.3	.4																25	25	32														
-2 / -3	1.8	.4																16	16	36														
-4 / -5	2.4	.3																20	20	18														
-6 / -7	1.9	.1																15	15	10														
-8 / -9	.3																	2	2	18														
-10 / -11	1.2																	9	9	29														
-12 / -13	.1																	1	1	5														
-14 / -15	.5																	4	4	12														
-16 / -17	.3																	2	2	9														
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ															
Rel. Hum.																					Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 88 F		Σ 93 F		Total	
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		



## PSYCHROMETRIC SUMMARY

72643                      LA CROSSE MAP, WI  
STATION                      STATION NAME

73-81

YEARS

**FEA**

PAGE 2 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-1/-19	.3																		2	2	2	9	
-0/-21																						6	
-24/-25																						4	
-2/-27																						4	
-0/-29																						1	
TOTAL	39.2	52.6	7.2	.9															739	742		739	



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI

73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																				
5 / 49			.1															1	1																					
4 / 47			.3															2	2																					
4 / 45			.3															2	2											3										
42 / 41	.3	.5																6	6										4	5										
4 / 39	.4				.1													4	4										7	2										
3 / 37	.8	.7	.7	.1														7	7									6	13											
3 / 35	1.8	1.8	.4															29	29									24	9											
34 / 33	1.9	2.0	.4															32	32									34	25											
2 / 31	1.9	3.5	1.5															51	51									33	29											
2 / 29	.8	2.2	.8															28	29									39	30											
21 / 27	2.3	1.9	.3															33	33									40	30											
20 / 25	1.9	4.1	.1															45	45									35	38											
24 / 23	.7	4.5	.3															40	40									40	19											
2 / 21	2.2	2.6																35	35									48	32											
2 / 19	2.6	1.1																27	27									34	44											
18 / 17	2.7	1.1																23	23									22	37											
17 / 15	1.2	1.8																22	22									20	34											
14 / 13	1.2	2.3	.1															27	27									22	34											
17 / 11	2.6	2.2	.3															37	37									36	20											
17 / 9	2.0	1.6	.3															29	29									29	14											
17 / 7	2.0	3.7																42	42									34	29											
17 / 5	1.8	2.6																32	32									47	27											
17 / 3	.3	1.6																14	14									19	18											
17 / 1	1.9	2.9																35	35									29	32											
17 / -1	2.3	.5																21	21									25	31											
-1 / -3	3.0	.1																23	23									27	35											
-4 / -5	2.9																	21	21									21	28											
-5 / -7	2.0																	15	15									15	10											
-5 / -9	1.8																	13	13									13	15											
-10 / -11	1.9																	14	14									14	23											
-17 / -13	.5																	4	4									4	16											
-17 / -15	.4																	3	3									3	13											
-16 / -17	.1																	1	1									1	4											
-16 / -19	.4																	3	3									3	17											
Element (X)	Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X			Σ X						
Rel. Hum.																																								
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								
																				Mean No. of Hours with Temperature																				
																				≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total														

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

YEARS

FEH  
MONTH

PAGE 2 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
- 0/-21	.5																	4	4	4	7	
- 2/-23																					4	
- 21/-25																					5	
- 21/-27																					3	
- 21/-29																					2	
- 22/-33																					1	
TOTAL	49.6	45.3	5.9	.3														735	736	735	735	

**USAFETAC**  
FORM  
M 44  
**0-26-5 (OL A)**  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

FEB  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31		Dry Bulb	Wet Bulb	Dew Point
47 / 47		.1	.3															3	3	1	1
46 / 45		.3																2	2	1	1
44 / 43	.1																	1	1	4	2
42 / 41		.4																3	3		3
41 / 39		.8																6	6	4	
38 / 37		.4	.5	.4														10	10	5	4
36 / 35	1.1	2.4																26	26	14	11
34 / 33	2.1	1.9	.1															31	31	44	27
32 / 31	2.8	1.9	.4	.1														39	39	35	42
31 / 29	1.3	1.5	.8															27	27	25	15
28 / 27	1.3	3.8																38	38	26	23
28 / 25	1.7	4.6	.3	.1														50	50	47	30
24 / 23	1.9	3.9																43	43	53	22
22 / 21	2.0	3.4	.3															42	42	47	46
21 / 19	2.1	2.4																34	34	37	48
18 / 17	1.2	2.1																25	25	29	39
16 / 15	.8	1.6	.1															19	20	16	30
16 / 13	1.5	2.9	.3															35	35	24	27
11 / 11	1.7	2.5	.3															34	34	38	27
11 / 9	2.4	2.3																35	35	40	24
11 / 7	1.9	2.0																29	30	30	20
6 / 5	1.1	2.1																24	24	30	26
4 / 3	.7	1.1																13	13	17	22
1 / 1	1.5	2.8																32	32	23	36
1 / -1	3.1	.1																24	24	34	33
-1 / -3	2.3	.7																22	22	21	12
-4 / -5	3.8	.3																30	30	31	23
-6 / -7	2.5																	19	19	20	24
-7 / -9	.8																	6	6	6	24
-10 / -11	1.6																	12	12	12	15
-12 / -13	1.3																	10	10	10	11
-14 / -15	1.3																	10	10	10	25
-16 / -17	.5																	4	4	4	8
-18 / -19	.5																	4	4	4	8
Element (X)	2 X		2 X		X		X		X		X		X		X		X		X		
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC



## PSYCHROMETRIC SUMMARY

73-81

YEARS

FEA  
MONTH

PAGE 2 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
0/-21	.4																		3	3	3	15		
-2/-23																						7		
-24/-25	.1																		1	1	1	6		
-26/-27																						2		
-28/-29																						5		
-30/-31																						1		
-32/-33																						2		
TOTAL	47.7	98.3	3.4	.7															746	748		746		
										</														



## PSYCHROMETRIC SUMMARY

73-81

YEARS

FEB  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
4 / 53				.1														1	1						
5 / 49			.3	.1														3	3						
6 / 47			.3	.4	.1													6	6	1					
4 / 45		.3	.3	.4														7	7	3					
4 / 43		.3	.3															4	4	7					
42 / 41		.1		.3														3	3	6					
4 / 39		.3	.8	.3														10	10	2					
3 / 37	.8	.4	.4	.1														13	13	12					
7 / 35	1.9	2.7	.9		.1													42	42	14					
34 / 33	1.9	1.7	1.1															35	35	26					
2 / 31	.8	4.0	1.6	.4														51	51	30					
70 / 29	1.1	3.2	1.6	.1														45	45	35					
24 / 27	.5	3.4	1.1	.3														39	39	24					
7 / 25	1.5	3.9	.8	.1														47	47	32					
24 / 23	.8	4.8	.7															47	47	40					
2 / 21	.7	3.2	.8	.1														36	36	37					
7 / 19	.5	4.6	.8															44	44	31					
1 / 17	.4	2.3	.9															27	27	43					
1 / 15	.4	4.7	.5															42	42	36					
14 / 13	.8	2.4	.4															27	27	36					
1 / 11	.4	3.1	.1															27	27	31					
10 / 9	.4	2.6																22	22	26					
/ 7	.8	3.9																35	36	25					
/ 5	.1	1.5																12	12	25					
4 / 3	.9	3.0																29	29	26					
/ 1	.7	2.7																25	25	46					
/ -1	2.4	1.3																28	28	21					
- / -3	.3	.7																7	7	17					
- / -5	.9	.4																10	10	7					
- / -7	.5																	4	4	16					
- / -9	.9																	7	7	8					
- / -11	.5																	4	4	19					
-12 / -13	.3																	2	2	11					
-14 / -15	.3																	2	2	18					
Element (X)	Σ H'		Σ H		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.									Σ 6 F										Σ 32 F	Σ 67 F	Σ 73 F	Σ 80 F	Σ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									



## PSYCHROMETRIC SUMMARY

**YEARS**

FEB  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-1/-17	.1																	1	1	1	7	
-1/-19																					10	
-1/-21																					3	
-2/-23																					4	
-2/-25																					3	
-2/-27																					1	
TOTAL	21.8	61.4	13.7	2.8	.3													744	745	744	744	



## PSYCHROMETRIC SUMMARY

**YEARS**

FFF

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**YEARS**

FEB  
MONTH

PAGE 2 1200-1800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
-1/-7																				2	10				
-2/-9																					21				
-3/-11																					10				
-4/-13																					10				
-5/-15																					11				
-6/-17																					6				
-7/-19																					2				
-8/-21																					2				
TOTAL	5.8	43.6	35.9	9.4	3.9	1.2	.3											797	748	797	747				



## PSYCHROMETRIC SUMMARY

**YEARS**

**FEB**

PAGE 1 1500-1700  
HOURS (L - S - E.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
47 / 63						.3		.1										3	3					
47 / 61						.1												1	1					
47 / 59						.4	.3											5	5					
52 / 57					.3	.4												5	5					
52 / 55					.4	.1												4	4					
54 / 53					.1	.1												2	2	3				
57 / 51					.3	.3												4	4	2				
57 / 49				.3	.5													6	6	5				
47 / 47			.3	.4	.5	.1												10	10	7				
47 / 45			.3	.4	.4	.1												9	9	3				
44 / 43				1.3	.3													12	12	10				
42 / 41			.4	2.0	.3													20	20	9				
47 / 39	.1	.3	2.3	1.1	1.1	.1												37	37	9				
37 / 37	.9	1.2	.9	1.6														34	34	12				
37 / 35	.9	1.5	2.3	.3	.7													42	42	16				
34 / 33	.9	1.3	2.7	1.2	.5													50	51	25				
72 / 31	.8	2.0	3.1	.7	.1													50	50	43				
72 / 29	.3	2.3	3.5	.3														47	47	43				
27 / 27	.3	3.1	2.7	.4														48	48	34				
77 / 25		3.0	4.4	.7														60	60	57				
74 / 23	.1	2.4	2.7															39	39	25				
72 / 21	.3	3.0	4.2	.1														56	56	30				
77 / 19	.3	2.6	4.7	.1														57	57	60				
17 / 17		.5	1.7															17	18	56				
16 / 15		1.9	1.3															24	24	43				
14 / 13		1.5	1.3															21	21	30				
17 / 11	.1	1.6	1.9															27	27	38				
17 / 9		.5	1.2															13	13	18				
67 / 7		1.3	.9															17	17	33				
67 / 5		1.2	.1															10	10	25				
47 / 3		.7																5	5	41				
27 / 1		.7																5	5	20				
07 / -1		.5																4	4	13				
-27 / -3																		4	4	10				
Element (X)	S <sub>W</sub>		S <sub>H</sub>		S		C <sub>S</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 6 F		≤ 22 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

YEARS

FEB  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]

**USAFETAC** FROM 0-26-5 (OLA) SEVERAL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

FEB  
MONTH

PAGE 1 1600-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
56 / 55				.3														2	2					
54 / 53				.1	.1													2	2					
52 / 49				.3														2	2		2			
48 / 47			.3	.7														7	7		1			
46 / 45			.3	.4														5	5		1			
44 / 43		.3	.7	.1														8	8		3			
42 / 41		.3	.7	.3														9	9		5			
40 / 39	.3	.5	1.6	.1	.1													20	20	14	7			
38 / 37	.9	1.3	1.5		.1													29	29	21	13			
36 / 35	1.2	2.0	2.7	.4														47	47	29	22			
34 / 33	1.5	4.9	1.1	.8														62	62	49	27			
32 / 31	.8	1.9	1.9	.3														36	36	59	26			
30 / 29	1.1	1.9	1.5															33	33	39	47			
28 / 27	.8	3.5	1.1															40	40	37	46			
26 / 25	1.2	4.3	1.6	.1														54	54	44	49			
24 / 23	.4	3.7	.5	.1														36	36	49	28			
22 / 21	.5	2.8	1.2															34	34	50	18			
20 / 19	1.3	5.5	.5															55	55	24	48			
18 / 17	.3	3.6	1.3															39	39	49	49			
16 / 15	.5	2.1	.4															23	23	39	36			
14 / 13	.3	2.5	.8															27	27	25	33			
12 / 11	.9	3.3	.5															36	36	30	34			
10 / 9	.5	5.5	.1															46	46	42	32			
8 / 7	.3	2.0	.4															20	20	39	19			
6 / 5	.3	2.4																20	20	26	23			
4 / 3	.4	1.5																14	14	20	34			
2 / 1		1.6																12	12	10	35			
0 / -1	.7	.4																11	11	11	20			
-2 / -3	.1	.7																6	6	11	21			
-4 / -5		1.1																8	8	3	19			
-6 / -7	.1																	1	1	7	15			
-8 / -9	.5																	4	4	4	8			
-10 / -11																					10			
-12 / -13																					3			
Element (X)	Σ H <sup>1</sup>		Σ H		Σ	Σ <sub>n</sub>	No. Obs.		Mean No. of Hours with Temperature												Total			
Rel. Hum.									≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC



## PSYCHROMETRIC SUMMARY

73-81

YEARS

FEB  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-1/-15																					13			
-1/-17																					6			
-1/-19																					9			
- /-21																					1			
-2/-23																					1			
-24/-25																					2			
TOTAL	15.0	60.0	20.6	4.0	.4													748	748	74A	748			



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI STATION NAME

73-81 YEARS

FEB MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
2 / 51				.1														1	1						
5 / 49			.3	.1														3	3						
4 / 47				.1														1	1	1					
4 / 45				.1														1	1	2					
4 / 43			.5															4	4	1					
2 / 41		.5	.7															9	9	3	3				
4 / 39	.7	.8	1.1															19	19	15	8				
3 / 37	.8	1.6	1.1															26	26	20	9				
3 / 35	1.6	1.2	1.1															29	29	27	21				
3 / 33	1.2	4.3	1.3	.3														53	53	30	26				
2 / 31	1.7	4.3	.8	.4														54	54	66	30				
2 / 29	.7	2.4	1.2															32	32	37	41				
2 / 27	.8	3.0																28	28	33	44				
2 / 25	1.9	3.6	.7															46	46	51	37				
2 / 23	.7	3.0	.8															33	33	29	26				
2 / 21	1.1	2.1	.4															27	27	36	33				
2 / 19	1.7	5.1	.4															54	54	34	32				
1 / 17	.7	3.4	.4															33	33	47	40				
1 / 15	1.2	2.6	.1															29	29	36	26				
1 / 13	.4	2.7	.1															24	24	20	40				
1 / 11	1.5	2.0																26	26	31	27				
1 / 9	1.3	4.7	.1															46	46	32	34				
1 / 7	1.5	4.4																44	44	48	27				
1 / 5	.8	2.7																26	26	40	20				
4 / 3	.7	1.6																17	17	24	35				
1 / 1	1.6	1.6																24	24	20	28				
1 / -1	.9	.4																10	10	13	28				
-1 / -3	1.2	1.1																17	17	16	34				
-4 / -5	1.1	.7																13	13	14	16				
-5 / -7	.4	.1																4	4	7	14				
-7 / -9	.8																	6	6	6	8				
-11 / -11	.4																	3	3	3	14				
-11 / -13																					10				
-14 / -15	.4																	3	3	3	8				
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 34-4 0-26-5 (Q1A) REVISIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

73-81

**YEARS**

FEB  
MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point									
-1/-17																						10								
-1/-19																						7								
-1/-21																						3								
-2/-23																						3								
-2/-25																						2								
-2/-27																						1								
TOTAL	27.8	59.9	11.1	1.2															745	745	745									
																			745		745									



## PSYCHROMETRIC SUMMARY

**YEARS**

FEB  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point										
4 / 63						.0		.0										3	3											
2 / 61						.0												2	2											
4 / 59					.0	.1	.0											6	6											
5 / 57					.1	.1	.0											8	8											
5 / 55				.1	.1	.0	.0											10	10											
4 / 53				.0	.1	.0												10	10	4										
2 / 51			.0	.0	.1	.1												10	10	3										
5 / 49			.1	.2	.2													29	29	10										
4 / 47		.0	.2	.3	.1	.0												36	36	16	1									
4 / 45		.1	.1	.2	.1	.0												30	30	20	1									
4 / 43	.0	.1	.3	.3	.1													44	44	43	14									
2 / 41	.1	.3	.3	.5	.0	.0												67	67	38	25									
4 / 39	.3	.4	1.0	.4	.2	.1												140	140	73	36									
3 / 37	.6	1.0	.9	.5	.1													185	185	130	80									
7 / 35	1.4	1.9	1.2	.1	.1													283	283	243	132									
34 / 33	1.5	2.6	1.3	.4	.1													350	352	313	203									
2 / 31	1.4	3.0	1.7	.4	.1													386	387	354	265									
7 / 29	.9	2.2	1.5	.1														281	282	331	279									
2 / 27	1.1	3.1	1.0	.2														319	319	313	282									
7 / 25	1.3	3.8	1.5	.2														403	403	390	298									
34 / 23	.7	3.4	1.0	.0														305	305	356	208									
2 / 21	1.0	2.7	1.3	.1														299	299	371	268									
7 / 19	1.4	3.7	1.2	.0														374	376	284	337									
1 / 17	.7	2.2	.9															222	223	312	343									
1 / 15	.7	2.5	.4															214	215	252	297									
14 / 13	.7	2.3	.4															205	205	214	259									
1 / 11	1.1	2.5	.5															242	242	216	243									
1 / 9	1.0	2.8	.4															251	251	254	204									
7 / 7	.9	3.1	.2															252	254	263	211									
6 / 5	.6	2.1	.0															163	163	264	103									
4 / 3	.6	1.6																126	126	144	234									
2 / 1	1.0	1.8																170	170	157	271									
7 / -1	1.5	.5																123	123	149	193									
2 / -3	1.1	.5																94	94	114	181									
Element (X)	Σ H'		Σ H		Σ		Σ		Mo. Obs.		Mean No. of Hours with Temperature																			
Rel. Hum.											± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total							
Dry Bulb																														
Wet Bulb																														
Dew Point																														



## PSYCHROMETRIC SUMMARY

73-81

**YEARS**

**FREE**  
MONTH

PAGE 2

ALL  
MOMENTS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
-4/-5	1.4	.4																104	104	98	141			
-3/-7	.9	.0																58	58	75	109			
-2/-9	.6																	38	38	38	115			
-1/-11	.7																	42	42	42	133			
-1/-13	.3																	17	17	17	70			
-14/-15	.4																	22	22	22	109			
-1/-17	.1																	8	8	8	55			
-1/-19	.2																	9	9	9	67			
-1/-21	.1																	7	7	7	37			
-2/-23																					19			
-24/-25	.0																	1	1	1	22			
-26/-27																					11			
-1/-29																					8			
-1/-31																					1			
-2/-33																					3			
TOTAL	26.350	517.6	3.8	1.3	.4	.1	.0											5948		5948	5948			



## PSYCHROMETRIC SUMMARY

73-81

**YEARS**

MAR  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**73-A1**

**YEARS**

MAR  
MONTH

PAGE 2 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-4 / -5	.1																	1	1	1	5			
-5 / -7																					8			
-6 / -9																					2			
-7 / -11																					1			
-8 / -13																					2			
-9 / -15																					1			
TOTAL	29.14	7.9	16.2	4.5	1.5	.7												814	814	814	814			
																	</							



## PSYCHROMETRIC SUMMARY

73-81

YEARS

MAR  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**YEARS**

MAR  
MONTH

PAGE 2 0300-0500  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72643 STATION LA CROSSE MAP, WI STATION NAME 73-01 YEARS MAR MONTH  
PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point					
57 / 57		.2	.1																3	3					
56 / 55	.2	.2			.1														5	5	3				
54 / 53	.5	.1			.1	.1													7	7	8				
52 / 51	.4	.7	.1	.1	.2														13	13	7				
50 / 49	.2	.4	.2	.2	.1														10	10	8				
48 / 47	.5	.4	.2																9	9	5				
46 / 45	.4	.1	.4	.4	.1														11	11	5				
44 / 43		.4	1.0	.2	.1														14	14	9				
42 / 41	1.5	1.4	.9	.5															34	34	16				
40 / 39	2.0	1.1	.7	.5															35	35	27				
38 / 37	1.4	3.1	1.0	.1															45	45	20				
36 / 35	3.6	2.1	1.2	.4															59	59	44				
34 / 33	2.8	3.2	1.4	.2															62	62	56				
32 / 31	3.9	5.9	1.4	.1															92	92	64				
30 / 29	1.1	2.7	1.4																42	42	50				
28 / 27	3.0	2.6	1.2																55	55	49				
26 / 25	1.8	3.6	1.1																53	53	64				
24 / 23	.9	3.5	1.0																43	43	30				
22 / 21	1.5	2.8	.4																38	38	40				
20 / 19	1.6	3.9	.2																47	47	38				
18 / 17	.6	1.4	.2																18	18	60				
16 / 15	.2	1.4	.1																14	14	32				
14 / 13	1.5	.6																	17	17	43				
12 / 11	.4	.7																	9	9	22				
10 / 9	.4	1.0																	11	11	16				
8 / 7	1.2	1.0																	18	18	13				
6 / 5	.4	.5																	7	7	11				
4 / 3	.6	.6																	10	10	14				
2 / 1	1.0																		8	8	13				
0 / -1	1.0	.2																	10	10	6				
-2 / -3	.6																		5	5	10				
-4 / -5	.4																		3	3	12				
-6 / -7	.4																		3	3	7				
-8 / -9	.1																		1	1	4				
Element (X)	2x'		2x		x		°s		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									



## PSYCHROMETRIC SUMMARY

72643C      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

MAR  
MONTH

PAGE 2 ~~0600-0800~~  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
- / -11																						3
-1 / -13																						1
-1 / -15																						5
-1 / -17																						1
TOTAL	36.0	45.9	14.3	2.8	.9	.1													811		811	
																			811		811	



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI

73-81

YEARS

MAR  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
72 / 71								.1											1	1					
67 / 67							.1												1	1					
67 / 65							.1												1	1					
62 / 61			.2	.1		.2	.1												6	6					
57 / 59			.1	.1	.1	.1													4	4	1				
57 / 57	.1		.1	.4	.1	.2	.1												9	9	4	1			
56 / 55	.1		.1	.2	.1	.6	.1												11	11	4	3			
54 / 53		.4	.2	.1	.6	.4	.4												17	17	7	3			
52 / 51	.2	.5		.1	.6	.2													14	14	9	4			
51 / 49	.5	.2	.5	.9	.5	.7	.2												29	29	16	12			
47 / 47	.2	.6	.2	.9	.7	.2													24	24	10	11			
47 / 45	.4	.5	1.1	1.3	.6	.2													34	34	24	10			
44 / 43		.9	1.1	1.2	.4		.1												30	30	25	7			
42 / 41	.6	1.2	1.0	.5	.6	.2													34	34	38	18			
41 / 39	.7	1.6	1.8	2.1	.7	.2													59	59	50	22			
37 / 37	2.3	1.7	2.7	.7	.9														68	69	60	47			
35 / 35	1.6	2.1	2.2	1.3	.5														63	63	48	44			
34 / 33	2.9	2.1	2.0	1.0	.4														68	69	92	51			
32 / 31	1.3	3.1	2.8	1.1	.1														69	69	57	62			
29 / 29	.4	1.8	1.8	.4															36	36	63	55			
26 / 27	.1	2.9	2.0	.4															44	44	52	51			
26 / 25	1.3	3.9	1.2	.1	.1														55	55	63	47			
24 / 23	.7	1.2	.9	.1															24	25	54	34			
22 / 21	.6	1.1	1.5																26	26	23	59			
21 / 19	.6	1.2	.4	.1															19	19	27	54			
17 / 17	.1	.9	.4																11	11	19	44			
16 / 15	.2	1.0	.1																11	11	11	40			
14 / 13	.1	1.2	.2																13	13	12	20			
12 / 11		1.1	.4																12	12	12	22			
11 / 9	.2	.7	.1																9	9	15	15			
7 / 7	.4	.7																	9	9	9	18			
6 / 5	.2	.1																	3	3	8	15			
4 / 3		.1																	1	1	1	16			
2 / 1	.1																		1	1	2	8			
Element (X)	Σ H'		Σ H		H		C <sub>s</sub>		No. Obs.		Mean No. of Hours with Temperature														
Ref. Num.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									



## PSYCHROMETRIC SUMMARY

72643C                      LA CROSSE MAP, WI  
STATION                      STATION NAME

73-81

YEARS

MAR  
MONTH

PAGE 2

~~0900-1100~~  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726433      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

MAR  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

**YEARS**

MAR  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI

73-81

MAR

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																				
79									.1									1													1									
76/ 75								.2										2													2									
74/ 73								.1										1													1									
72/ 71							.2	.1										3													3									
70/ 69							.1	.1										2													2									
68/ 67						.2	.1	.1										3													3									
66/ 65						.4	.2	.2		.2								9													9									
64/ 63							.9	.2	.4	.2								12													12		1							
62/ 61						.4	1.1	.1	.4									16													16		2							
60/ 59					.4	.5	.6	.7	.7									24													24		3							
58/ 57			.1	.1	.6	.4	.5	.4	.1									18													18		6							
56/ 55		.1		.2	.4	.7	1.0		.2									22													22		5							
54/ 53		.4		.4	.4		.4	.4										15													15		4	5						
52/ 51		.2	.1	.1	.2	1.0	1.1	.1										24													24		21	5						
50/ 49	.5	.2	.4	.4	1.2	1.2	.7	.4										41													41		33	11						
48/ 47	.4	.4	.4	.9	.6	.9	.9	.2										37													37		22	7						
46/ 45	.1	.5	.2	1.3	2.0	1.5	.2	.1										49													49		33	13						
44/ 43	.1	.5	.6	1.6	.5	.6	.1											33													33		30	14						
42/ 41	.7	.9	1.7	1.1	.2	.4												41													41		48	20						
40/ 39	1.2	1.0	1.6	1.5	1.5	.6												67													67		71	33						
38/ 37	1.2	1.5	2.7	1.5	.2	.5												62													62		78	47						
36/ 35	1.2	1.7	2.0	2.1	.9													71													71		69	41						
34/ 33	2.1	1.3	2.2	.6	1.0													59													59		67	47						
32/ 31	.6	2.2	1.7	3.2	.2													65													65		75	68						
30/ 29	.5	.7	1.7	.5														28													28		59	64						
28/ 27	.4	1.2	.9	.4														23													23		41	64						
26/ 25	.2	.6	1.1	.6														21													21		54	43						
24/ 23	.4	.5	2.3	.4														29													29		18	55						
22/ 21	.7	.2	.9	.2														17													17		24	45						
20/ 19		.5	1.0															12													12		23	39						
18/ 17			.5															4													4		15	26						
16/ 15		.2	.2															4													4		8	40						
14/ 13																																	5		34					
12/ 11		.2																2													2			25						
Element (X)	Σ H <sup>1</sup>					Σ H					Σ					Σ <sub>n</sub>					No. Obs.					Mean No. of Hours with Temperature														
Ref. Num.																										≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

FORM 10-64 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

MAR  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

MAR

MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point															
74/ 73							.1																								1	1			
72/ 71							.1																								1	1			
70/ 69							.1				.1																				1	1			
68/ 67						.1	.1																								2	2			
66/ 65						.2	.1		.1		.1																				4	4			
64/ 63					.1	.2		.1		.1																					4	4			
62/ 61					.1		.1	.4																							5	5	2		
60/ 59				.1		.1	.1																								3	3	2		
58/ 57				.2	.1	.2	.2	.2	.1		.1																				8	8	1		
56/ 55			.2	.2	.7	.4	.1	.1																							15	15	4		
54/ 53		.4	.1	.9		.2	.1																								14	14	5	4	
52/ 51		.1	.2	.2	.4	.2	.1	.1																							12	12	6		
50/ 49	.5	.5	.5	.5	.4	1.0																									27	27	18	10	
48/ 47	.4	.5	1.3	.6	.1	.9																									31	31	26	15	
46/ 45	.1	.4	.6	.6	.9	.7	.4																								30	30	16	10	
44/ 43	.1	1.2	1.3	1.2	1.5	.5																									48	48	27	11	
42/ 41	.2	.4	1.5	2.1	.5	.1																										39	39	32	17
40/ 39	1.0	2.3	1.6	.9	.7	.1																										54	54	42	34
38/ 37	2.7	2.8	2.4	.6	.5	.4																										77	77	92	41
36/ 35	1.1	3.9	2.2	1.6	.6																											77	77	68	38
34/ 33	1.5	3.4	2.3	1.5	.2																											73	73	86	61
32/ 31	1.3	3.7	2.0	1.0	.1																											66	66	64	68
30/ 29	.7	1.2	2.6	.2	.1																											40	40	73	48
28/ 27	1.2	1.5	2.2	.2																												42	42	49	89
26/ 25	.5	1.2	1.5	.4																												29	29	51	50
24/ 23	.4	1.5	.9																													22	22	34	29
22/ 21	.6	1.2	1.0	.1																												24	24	27	37
20/ 19	.1	1.3	.7	.1																												19	19	21	59
18/ 17		.9	.7																													13	13	16	23
16/ 15	.1	1.1	.5																													14	14	18	41
14/ 13	.1	.9	.1																													9	10	16	41
12/ 11		.7																														6	6	8	11
10/ 9		.6																														5	5	7	17
8/ 7		.5																														4	4	6	18
Element (X)	ΣX					ΣX	Σ	Σ	Σ	Mean No. of Hours with Temperature																									
Rel. Hum.										≤ 0 F		≤ 32 F		≤ 47 F		≤ 73 F		≤ 80 F		≤ 93 F		Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) REPRODUCED BY THE POSTAL SERVICE  
USAFETAC JAN 81



## PSYCHROMETRIC SUMMARY

72643      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

MAR  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
+ / 5		.1																1	1	3	10			
+ / 3																					8			
+ / 1																					15			
- / -1																					8			
- / -3																					2			
- / -5																					3			
- / -7																					1			
- / -9																					1			
TOTAL	12.7	32.2	26.5	13.0	7.2	5.6	1.6	1.0	.2									820	821	820	820			



## PSYCHROMETRIC SUMMARY

**73-81**

**YEARS**

     MAR       
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 65						.1												1	1						
64/ 63					.1	.2												1	3						
62/ 61				.2	.1	.1	.1											5	5						
60/ 59			.1	.5														5	5						
58/ 57				.1			.1											2	2						
56/ 55						.1												1	1	7					
54/ 53		.4		.4	.1	.1												8	8	6					
52/ 51	.1	.4	.5	.4	.5													15	15	7	7				
50/ 49	.4	1.0	.6	.4	.1	.1												21	21	9	13				
48/ 47	.1	.7	.5	.1	.6	.1												18	18	18	12				
46/ 45	.5	.9	.7	.7	.2													25	25	20	8				
44/ 43	.2	.6	1.2	.4	.1													21	21	22	11				
42/ 41	.2	.7	1.4	1.0	.5													31	31	18	21				
40/ 39	1.4	1.4	2.1	1.6	.1													53	53	35	22				
38/ 37	2.1	3.2	2.1	.6	.5	.1												70	70	54	31				
36/ 35	2.1	4.6	2.7	.1														77	77	71	54				
34/ 33	2.0	3.6	2.7	.7														73	73	84	56				
32/ 31	3.0	4.1	1.9	.5														76	76	84	82				
30/ 29	.7	2.3	3.2	.2														53	53	63	43				
28/ 27	1.7	1.9	1.6															42	42	51	73				
26/ 25	1.0	3.3	1.1															44	44	52	51				
24/ 23	.4	2.3	.9															29	29	51	28				
22/ 21	1.2	2.2	.4															31	31	32	43				
20/ 19	.1	3.3	.4															31	31	25	47				
18/ 17		.4	.1															4	4	23	32				
16/ 15	.4	1.1																12	12	9	36				
14/ 13	.4	1.1																12	12	14	43				
12/ 11	.1	.6																6	6	10	16				
10/ 9	.6	1.6																18	18	15	9				
8/ 7	.2	.2																4	4	11	11				
6/ 5	.2	1.0																10	10	6	13				
4/ 3	.4	.6																8	8	11	19				
2/ 1	.1																	1	1	2	11				
1/ -1																					5				
Element (X)	ΣX <sup>2</sup>		ΣX		Σ		Σ <sub>A</sub>		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 6 F		≤ 22 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									



## PSYCHROMETRIC SUMMARY

**YEARS**

MAE  
MONTH

PAGE 2 ~~2100-2300~~  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI  
STATION STATION NAME

73-81  
YEARS

MAR  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb	Dew Point
79									.0									1	1		
78/ 77									.0									2	2		
76/ 75									.0									2	2		
74/ 73								.0	.0									3	3		
72/ 71						.0	.0	.0	.0									6	6		
70/ 69						.0	.0	.0	.0									5	5		
68/ 67					.0	.0	.0	.0	.0									7	7		
66/ 65						.1	.1	.1	.0	.0								21	21		
64/ 63				.0	.0	.1	.1	.0	.1									29	29	2	
62/ 61			.0	.1	.1	.1	.2	.1	.0									42	42	6	
60/ 59			.0	.2	.1	.2	.2	.2	.2									64	64	7	
58/ 57	.0	.0	.1	.1	.2	.2	.2	.1	.1									66	67	15	1
56/ 55	.0	.1	.1	.1	.2	.4	.2	.0	.0									81	81	37	7
54/ 53	.1	.3	.1	.2	.3	.2	.2	.1										94	94	56	30
52/ 51	.2	.5	.1	.2	.4	.3	.2	.0										127	127	70	49
50/ 49	.4	.4	.4	.4	.4	.6	.2	.1										180	181	133	93
48/ 47	.3	.5	.4	.5	.4	.4	.2	.1										182	182	120	72
46/ 45	.4	.4	.5	.9	.6	.5	.1	.0										221	221	167	69
44/ 43	.2	.8	.9	.8	.5	.3	.0											230	230	171	66
42/ 41	.5	.9	1.2	1.0	.4	.2												281	281	241	135
40/ 39	1.2	1.6	1.4	1.1	.5	.2												396	396	352	206
38/ 37	1.8	2.3	1.9	.8	.3	.1												475	477	479	263
36/ 35	2.1	3.0	2.3	1.0	.4	.0												582	582	512	380
34/ 33	2.3	2.8	1.8	.6	.3													497	498	582	423
32/ 31	2.3	3.9	1.9	1.1	.1													582	582	583	578
30/ 29	1.1	2.3	1.8	.3	.0													363	363	515	416
28/ 27	1.5	2.1	1.4	.2														337	337	435	510
26/ 25	1.2	2.6	1.3	.2	.0													343	344	406	421
24/ 23	.6	1.8	1.0	.1														227	228	335	278
22/ 21	1.0	1.7	.8	.1														227	227	277	349
20/ 19	.7	2.3	.6	.0														238	238	228	379
18/ 17	.3	.9	.3															100	100	186	321
16/ 15	.4	1.0	.2															101	101	125	310
14/ 13	.4	.7	.1															74	75	101	280
Element (X)	Σ X <sup>1</sup>		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP. WI  
STATION      STATION NAME

73-81

**YEARS**

MAR  
MONTH

**PAGE 2**

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
11 / 11	.2	.6	.1															55	55	58	170			
10 / 9	.4	.8	.0															73	73	76	133			
9 / 7	.4	.5																59	59	75	128			
8 / 5	.3	.3																39	39	52	97			
7 / 3	.3	.3																41	41	42	87			
6 / 1	.4	.1																32	32	38	85			
5 / -1	.3	.0																23	23	23	50			
4 / -3	.2																	10	10	13	45			
3 / -5	.2																	10	10	10	45			
2 / -7	.0																	3	3	3	30			
1 / -9	.0																	2	2	2	20			
0 / -11																					10			
-1 / -13																					5			
-2 / -15																					10			
-3 / -17																					2			
TOTAL	21.4	35.2	20.9	9.8	5.3	3.8	2.1	1.0	.4	.0								6533	6541		6533			



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI

73-81

YEARS

APR

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
7 / 69				.4					.1									4	4	
6 / 67				.5				.3	.4									9	9	
66 / 65			.1	.1	.1			.1										4	4	
64 / 63		.4	.5	.3	.3		.1											12	12	3
62 / 61		1.3	.4	.4	.1													17	17	12
6 / 59		1.0	.8	.6														19	19	14
58 / 57	.4	.3	.3	.1	.5	.1	.1	.1										15	15	17
56 / 55	.6	.5	.8	.3	.9	.1	.1											26	26	18
54 / 53		1.0	1.0	.5	.5	.1	.3	.1										28	28	14
52 / 51	.5	.9	1.3	.8	.5	.4	.3	.3										38	38	30
5 / 49	.6	1.7	1.9	1.4	.9	.3												53	53	22
46 / 47		1.5	2.5	1.4		.3	.1											46	46	48
46 / 45	.5	3.2	2.2	.5	.5													54	54	46
44 / 43	1.5	2.7	1.8	.8	.3	.1												56	56	72
42 / 41	.6	3.1	2.2	.3	.4													51	51	65
4 / 39	1.3	2.8	2.7	.6	.3													60	60	51
38 / 37	.9	2.4	2.0	1.0	.1													57	57	63
36 / 35	1.3	3.4	3.2	1.3														72	72	57
34 / 33	1.7	2.0	2.2	.4														49	49	69
32 / 31	1.1	1.9	1.3															34	34	58
30 / 29	.4	2.2	1.1															29	29	40
28 / 27	1.1	1.7	.4															25	25	43
26 / 25	.4	.3	.5															9	9	19
24 / 23		.8	.4															9	9	10
22 / 21		.3	.1															3	3	4
20 / 19		.4	.5															7	7	4
18 / 17																				6
16 / 15																				1
14 / 13																				
12 / 11																				
10 / 9																				
8 / 7																				
TOTAL	13.0	35.5	30.8	10.9	6.0	1.4	1.0	.9	.5									786	786	786
Element (X)	ΣX <sup>2</sup>		ΣX		Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature										
Rel. Hum.	4925543		60995		77.6	15.648			786	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Total			
Dry Bulb	1818889		33617		42.8	10.164			786		13.3	1.5					90			
Wet Bulb	1310255		31239		39.7	9.376			786		21.2						90			
Dew Point	1091101		28063		35.7	10.657			786		36.1						90			

FORM 0-24-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

APR  
MONTH

PAGE 1 C300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
7 / 69										.1								1	1					
66 / 67				.1					.3									3	3					
66 / 65		.1	.5					.3										7	7					
64 / 63		.3	.3				.1	.1										6	6	1				
62 / 61		1.2	.3	.3	.1	.1	.1											16	16	11				
60 / 59	.1	.9	.4	.1	.3													14	14	13	15			
58 / 57	.5	1.3	.6	.3	.8													27	27	11	17			
56 / 55		.5	.6	.1	.3													12	13	13	4			
54 / 53		.8	.1	.6														12	12	14	13			
52 / 51	.5	1.2	1.4	.1	.1	.4	.4											32	32	31	14			
50 / 49	1.3	1.3	.4	.4	.5	.1	.3											33	33	26	24			
48 / 47	.1	1.7	1.8	.4														31	31	29	18			
46 / 45	.6	3.7	1.8	.3	.3													52	52	29	30			
44 / 43	2.2	2.2	1.8	.9														55	55	65	46			
42 / 41	1.5	2.7	1.7	.9	.3													55	56	55	37			
40 / 39	2.6	3.5	1.7	.4	.1													64	64	63	65			
38 / 37	1.3	5.5	1.5	.4	.6													71	71	60	48			
36 / 35	1.5	3.5	1.9	1.0														62	62	68	61			
34 / 33	1.3	2.3	1.2	.6														42	42	49	52			
32 / 31	2.7	3.6	1.7															62	62	62	69			
30 / 29	.9	3.2	1.3															42	42	60	51			
28 / 27	1.4	2.9	.6															39	39	48	40			
26 / 25	.9	.6	.3															14	14	38	50			
24 / 23	.5	1.0																12	12	13	28			
22 / 21	.1	.8																7	7	7	22			
20 / 19		.1																1	1	5	17			
18 / 17		.5	.3															6	6	1	15			
16 / 15	.1	.1																2	2	6	9			
14 / 13																				2	3			
12 / 11																					5			
8 / 7																					1			
6 / 5																					4			
4 / 3																					1			
Element (X)	Σ H <sup>1</sup>		Σ H <sup>2</sup>		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								
Mean No. of Hours with Temperature																								
		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 92 F		Total										

FORM 10-65 0-26-5 (OLA) REVERSED MIRROR EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC



## PSYCHROMETRIC SUMMARY

**YEARS**

APR  
MONTH

PAGE 2 0300-0500  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

APR  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL																																																																																																																																																																																																																																																																																																																																												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																											
70/ 71									.1									1															1																																																																																																																																																																																																																																																																																																																																														
66/ 67								.3	.1									4															4																																																																																																																																																																																																																																																																																																																																														
66/ 65			.3	.3					.3									6															6																																																																																																																																																																																																																																																																																																																																														
64/ 63		.6	.1	.3	.1	.1	.4											13														13																																																																																																																																																																																																																																																																																																																																															
62/ 61	.1	1.0	.1	.3		.1	.3											15														15	10	3																																																																																																																																																																																																																																																																																																																																													
62/ 59	.3	1.3	.9	.1	.3	.3												24														24	15	15																																																																																																																																																																																																																																																																																																																																													
60/ 57	.3	.5	.8	.4														15														15	10	12																																																																																																																																																																																																																																																																																																																																													
56/ 55		.6	.6	.3	.5	.1	.1											18														18	14	9																																																																																																																																																																																																																																																																																																																																													
64/ 53	.3	1.8	.5	.6	.1	.1												27														27	21	14																																																																																																																																																																																																																																																																																																																																													
62/ 51	.5	.8	1.3	.3	.3	.5		.1										29														29	31	21																																																																																																																																																																																																																																																																																																																																													
58/ 49	.6	1.4	.9	1.0	.6	.3												38														38	24	22																																																																																																																																																																																																																																																																																																																																													
56/ 47	.5	1.6	.9	1.1	.6	.9												41														41	33	17																																																																																																																																																																																																																																																																																																																																													
46/ 45	1.3	2.5	1.5	1.8	.4													59														59	39	43																																																																																																																																																																																																																																																																																																																																													
44/ 43	2.0	3.0	.9	1.9	.1													63														63	61	44																																																																																																																																																																																																																																																																																																																																													
42/ 41	1.3	3.1	2.1	1.3	.4													65														65	59	45																																																																																																																																																																																																																																																																																																																																													
40/ 39	2.0	3.0	2.8	.3														64														64	77	50																																																																																																																																																																																																																																																																																																																																													
38/ 37	.6	3.7	2.5	1.3	.1													65														65	66	49																																																																																																																																																																																																																																																																																																																																													
36/ 35	.9	2.0	1.9	1.0														46														46	47	63																																																																																																																																																																																																																																																																																																																																													
34/ 33	1.8	2.8	1.5	.5														52														52	58	61																																																																																																																																																																																																																																																																																																																																													
32/ 31	2.5	4.3	.6	.6														64														64	63	89																																																																																																																																																																																																																																																																																																																																													
30/ 29	1.5	1.4	1.1															32														32	58	60																																																																																																																																																																																																																																																																																																																																													
26/ 27	.6	1.0	.5															17														17	30	52																																																																																																																																																																																																																																																																																																																																													
26/ 25	.5	.8	.5															14														14	22	36																																																																																																																																																																																																																																																																																																																																													
24/ 23	.1	.9	.1															9														9	14	22																																																																																																																																																																																																																																																																																																																																													
22/ 21	.1	.4																4														4	6	17																																																																																																																																																																																																																																																																																																																																													
20/ 19		.3	.3															4														4	4	27																																																																																																																																																																																																																																																																																																																																													
18/ 17		.1	.3															3														3	3	14																																																																																																																																																																																																																																																																																																																																													
16/ 15		.3																2														2	5	9																																																																																																																																																																																																																																																																																																																																													
14/ 13																																		1	6																																																																																																																																																																																																																																																																																																																																												
12/ 11																																			6																																																																																																																																																																																																																																																																																																																																												
6/ 5																																			6																																																																																																																																																																																																																																																																																																																																												
TOTAL	17.8	39.0	22.9	13.2	3.5	1.4	1.3	.5	.3									794														794		794																																																																																																																																																																																																																																																																																																																																													
Element (K)	Σ <sub>1</sub>		Σ <sub>2</sub>		Σ <sub>3</sub>		Σ <sub>4</sub>		Σ <sub>5</sub>		Σ <sub>6</sub>		Σ <sub>7</sub>		Σ <sub>8</sub>		Σ <sub>9</sub>		Σ <sub>10</sub>		Σ <sub>11</sub>		Σ <sub>12</sub>		Σ <sub>13</sub>		Σ <sub>14</sub>		Σ <sub>15</sub>		Σ <sub>16</sub>		Σ <sub>17</sub>		Σ <sub>18</sub>		Σ <sub>19</sub>		Σ <sub>20</sub>		Σ <sub>21</sub>		Σ <sub>22</sub>		Σ <sub>23</sub>		Σ <sub>24</sub>		Σ <sub>25</sub>		Σ <sub>26</sub>		Σ <sub>27</sub>		Σ <sub>28</sub>		Σ <sub>29</sub>		Σ <sub>30</sub>		Σ <sub>31</sub>		Σ <sub>32</sub>		Σ <sub>33</sub>		Σ <sub>34</sub>		Σ <sub>35</sub>		Σ <sub>36</sub>		Σ <sub>37</sub>		Σ <sub>38</sub>		Σ <sub>39</sub>		Σ <sub>40</sub>		Σ <sub>41</sub>		Σ <sub>42</sub>		Σ <sub>43</sub>		Σ <sub>44</sub>		Σ <sub>45</sub>		Σ <sub>46</sub>		Σ <sub>47</sub>		Σ <sub>48</sub>		Σ <sub>49</sub>		Σ <sub>50</sub>		Σ <sub>51</sub>		Σ <sub>52</sub>		Σ <sub>53</sub>		Σ <sub>54</sub>		Σ <sub>55</sub>		Σ <sub>56</sub>		Σ <sub>57</sub>		Σ <sub>58</sub>		Σ <sub>59</sub>		Σ <sub>60</sub>		Σ <sub>61</sub>		Σ <sub>62</sub>		Σ <sub>63</sub>		Σ <sub>64</sub>		Σ <sub>65</sub>		Σ <sub>66</sub>		Σ <sub>67</sub>		Σ <sub>68</sub>		Σ <sub>69</sub>		Σ <sub>70</sub>		Σ <sub>71</sub>		Σ <sub>72</sub>		Σ <sub>73</sub>		Σ <sub>74</sub>		Σ <sub>75</sub>		Σ <sub>76</sub>		Σ <sub>77</sub>		Σ <sub>78</sub>		Σ <sub>79</sub>		Σ <sub>80</sub>		Σ <sub>81</sub>		Σ <sub>82</sub>		Σ <sub>83</sub>		Σ <sub>84</sub>		Σ <sub>85</sub>		Σ <sub>86</sub>		Σ <sub>87</sub>		Σ <sub>88</sub>		Σ <sub>89</sub>		Σ <sub>90</sub>		Σ <sub>91</sub>		Σ <sub>92</sub>		Σ <sub>93</sub>		Σ <sub>94</sub>		Σ <sub>95</sub>		Σ <sub>96</sub>		Σ <sub>97</sub>		Σ <sub>98</sub>		Σ <sub>99</sub>		Σ <sub>100</sub>		Σ <sub>101</sub>		Σ <sub>102</sub>		Σ <sub>103</sub>		Σ <sub>104</sub>		Σ <sub>105</sub>		Σ <sub>106</sub>		Σ <sub>107</sub>		Σ <sub>108</sub>		Σ <sub>109</sub>		Σ <sub>110</sub>		Σ <sub>111</sub>		Σ <sub>112</sub>		Σ <sub>113</sub>		Σ <sub>114</sub>		Σ <sub>115</sub>		Σ <sub>116</sub>		Σ <sub>117</sub>		Σ <sub>118</sub>		Σ <sub>119</sub>		Σ <sub>120</sub>		Σ <sub>121</sub>		Σ <sub>122</sub>		Σ <sub>123</sub>		Σ <sub>124</sub>		Σ <sub>125</sub>		Σ <sub>126</sub>		Σ <sub>127</sub>		Σ <sub>128</sub>		Σ <sub>129</sub>		Σ <sub>130</sub>		Σ <sub>131</sub>		Σ <sub>132</sub>		Σ <sub>133</sub>		Σ <sub>134</sub>		Σ <sub>135</sub>		Σ <sub>136</sub>		Σ <sub>137</sub>		Σ <sub>138</sub>		Σ <sub>139</sub>		Σ <sub>140</sub>		Σ <sub>141</sub>		Σ <sub>142</sub>		Σ <sub>143</sub>		Σ <sub>144</sub>		Σ <sub>145</sub>		Σ <sub>146</sub>		Σ <sub>147</sub>		Σ <sub>148</sub>		Σ <sub>149</sub>		Σ <sub>150</sub>		Σ <sub>151</sub>		Σ <sub>152</sub>		Σ <sub>153</sub>		Σ <sub>154</sub>		Σ <sub>155</sub>		Σ <sub>156</sub>		Σ <sub>157</sub>		Σ <sub>158</sub>		Σ <sub>159</sub>		Σ <sub>160</sub>		Σ <sub>161</sub>		Σ <sub>162</sub>		Σ <sub>163</sub>		Σ <sub>164</sub>		Σ <sub>165</sub>		Σ <sub>166</sub>		Σ <sub>167</sub>		Σ <sub>168</sub>		Σ <sub>169</sub>		Σ <sub>170</sub>		Σ <sub>171</sub>		Σ <sub>172</sub>		Σ <sub>173</sub>		Σ <sub>174</sub>		Σ <sub>175</sub>		Σ <sub>176</sub>		Σ <sub>177</sub>		Σ <sub>178</sub>		Σ <sub>179</sub>		Σ <sub>180</sub>		Σ <sub>181</sub>		Σ <sub>182</sub>		Σ <sub>183</sub>		Σ



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81 YEARS

APR  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL																										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																							
81												.1						1	1																									
79											.1	.1						2	2																									
77											.1	.1						2	2																									
75						.1	.4		.4	.3								9	9																									
73					.1	.3		.1	.1									5	5																									
71					.4	.4	.3	.4	.1									12	12																									
69					.5	.5	.3	.4										13	13																									
67			.1	.1	.4	.4	.1	.3	.1	.1								13	13																									
65		.1	.6	.4	.5	.3	.5	.1	.4									23	24	3																								
63		.6	.3	.4	.4	.1	.1	.4	.3									20	20	7																								
61		.9	.4	1.0	.3	.6	.6	.3										32	32	23	4																							
59		.5	.9	.5	.5	.8	.8	.5	.1									36	36	29	17																							
57		.1	.4	.4	.1	1.1	1.1	.5										30	30	32	13																							
55		.6	.3	.3	1.1	1.5	.9	.1										38	38	23	14																							
53		1.0	.1	1.0	1.3	.8	.6	.1										39	39	18	27																							
51		.3	1.5	1.4	1.1	1.6	1.1											56	56	30	18																							
49	.8	1.3	.9	.9	1.8	1.5	.5											60	60	40	30																							
47	.3	1.8	.9	1.6	1.6	1.0												57	57	50	17																							
45	1.1	.9	1.0	1.5	1.5	.4												51	51	82	41																							
43	.6	1.3	1.3	1.5	1.4	.4												51	52	59	41																							
41	.1	1.5	1.4	1.9	.9	.1												47	47	61	36																							
39	.9	1.4	1.4	.8	1.3													45	45	71	48																							
37	.6	1.4	1.8	.9	.3													39	39	66	50																							
35	.3	2.3	1.8	.8	.3													42	42	48	56																							
33	1.0	.6	.5	.8	.3													25	25	59	59																							
31	1.3	1.1	.1	.3														22	22	42	83																							
29	.1	.3	.4	.1														7	7	17	61																							
27	.1		.6	.1														7	7	12	44																							
25			.1	.1														2	2	7	31																							
23			.3															2	2	5	18																							
21			.3															2	2	3	20																							
19			.1															1	1	1	31																							
17																				3	9																							
15																					5																							
Station (R)	Σ <sub>0-1</sub>		Σ <sub>2-4</sub>		Σ <sub>5-6</sub>		Σ <sub>7-8</sub>		Σ <sub>9-10</sub>		Σ <sub>11-12</sub>		Σ <sub>13-14</sub>		Σ <sub>15-16</sub>		Σ <sub>17-18</sub>		Σ <sub>19-20</sub>		Σ <sub>21-22</sub>		Σ <sub>23-24</sub>		Σ <sub>25-26</sub>		Σ <sub>27-28</sub>		Σ <sub>29-30</sub>		Σ <sub>≥ 31</sub>		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.																																												
Dry Bulb																																												
Wet Bulb																																												
Dew Point																																												

FORM 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, MI  
STATION      STATION NAME

73-81

YEARS

APR  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

**APR**  
**MONTH**

PAGE 1 1200-1430  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
91																		1	1					
89												.1						1	1					
87															.1			1	1					
85													.3					2	2					
83											.5		.1					5	5					
81								.1	.1		.3		.1					5	5					
79								.5	.4	.1	.1	.1						10	10					
77								.4	.1		.3	.4						9	9					
75						.1	1.0	.4	.1	.4								16	16					
73					.1	.4	.4	.3	.3	.1			.3					14	14					
71					.4		.3	.1	.3	.5	.3							14	14					
69			.1	.4	.8	.1		.9	.5	.8	.1							29	29					
67				.5	.4	.1	.6	.5	.5	.6								26	26	4				
65			.5	.6	.8	.3	.6		.4	.6								30	30	6				
63			.4	.3	.3		1.3	.4	1.1	.1								28	28	34				
61	.1	.1	.3	.3	.3	.8	.8	2.3		.3								40	40	26				
59	.3	.1		.3	.6	.6	1.4	1.4	.6	.3								44	44	23				
57		.4	.3	.6	.5	.6	1.3	1.3	1.0	.1								48	48	19				
55	.3	.4	.3	.5	1.0	2.2	1.8	1.4	.1									62	62	29				
53	.1	.4	.8	.8	1.0	1.1	1.3	1.0										51	51	36				
51	.4	.8	1.1	.5	1.1	1.1	1.0	.1										49	49	43				
49		1.3	1.3	.9	.4	1.4	1.1	.1										51	51	52				
47	.4	.8	.1	.6	.8	1.0	.6											34	34	84				
45	.1	.6	.4	.9	1.5	1.4												39	39	64				
43	.4	2.4	.5	.8	.9	.4												42	42	71				
41	.4	.6	.5	1.1	.3	.4												26	26	71				
39		.9	1.6	.1	.9	.4												31	31	41				
37	.6	.8	.8	.4	.1	.3												23	23	60				
35	.3	.9	.9	.3	.1													19	19	41				
33	.9	.8	.1	.3	.1													17	17	31				
31	.5	.4	.1	.4	.1													12	12	27				
29			.1	.1	.1													3	3	8				
27	.4			.1														4	4	7				
25			.4															3	3	4				
Element (K)	Σ H <sup>2</sup>		Σ H		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 6 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 88 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

APR  
MONTH

PAGE 2 1200-1400  
HOURS (11:55-1:15)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
24 / 23																					2	20
22 / 21																					4	32
20 / 19																						27
18 / 17																						16
16 / 15																						6
14 / 13																						7
12 / 11																						4
10 / 9																						3
8 / 3																						3
TOTAL	5.1	11.5	10.5	10.6	12.5	12.7	13.2	11.2	5.6	3.9	1.5	.9	.5	.1	.1				789	789		789

Element (X)	Σ X'	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2731768	42984	54.5	22.248	789	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	2444851	42847	54.3	12.238	789		2.5	15.2	7.3	2.2		90
Wet Bulb	1722022	36132	45.8	9.246	789		5.9	.5				90
Dew Point	1128893	28451	36.0	11.431	789		36.0					90



GLOBAL CLIMATOLOGY BRANCH  
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# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI STATION NAME

73-81

YEARS

APR MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		Dry Bulb	Wet Bulb	Dew Point
91															.1	1	1		
89														.3	.1	4	4		
87													.1	.1		2	2		
85												.4				3	3		
83											.4		.1			4	4		
81									.4	.1	.1		.3			7	7		
79								.4	.3	.3	.1	.4	.1			12	12		
77							.4	.1	.3		.3					8	8		
75						.1	.3	.1	.3	.1						7	7		
73			.1	.3	.1	.6	.4		.6	.1	.8					24	24		
71				.1	.4	.4	.1	.8	.5	.6						23	23	1	
69				.3	.4	.6	.3	.1	1.3	.1						25	25		1
67				.5	.3	.3	.6	.4	.5	.6						25	25	4	
65		.1	.6	.5	.4	.1	.5	1.4	.5	1.1	.1					43	43	12	
63		.1		.4	.1	.3	.5	.4	1.1	.3						25	25	37	3
61	.3		.3		.5	1.6	1.0	1.5	.9	.4						51	51	21	5
59		.5		.5	.8	1.0	.8	1.9	1.8							57	57	16	20
57		.1	.4	.5	.9	.8	1.9	1.8	1.3							60	60	29	15
55	.6	.4	.8	.6	.4	1.4	.8	.9	.1							47	47	23	22
53	.1	.1	1.1	.3	.6	.3	1.3	1.0								38	38	46	12
51		.5	1.3	.4	1.0	.9	1.0	.1								41	41	61	8
49	.3	1.4	.8	.6	.9	1.1	1.5	.5								56	56	64	28
47	.4	.9	.4	.8	.5	1.6	.4									39	39	71	38
45		.9	.5	1.1	1.0	.9	.1									36	36	69	42
43		1.1	.5	.6	1.3	.4										31	31	57	43
41	.1	.8	.3	.6	.1	.1										16	16	67	37
39	.5	.6	1.1	.5	.8	.4										31	31	44	49
37	1.1	.5	1.1	.1	.5											27	27	66	40
35	.5	.6	.4	.3	.3											16	16	29	54
33	.6	.6			.3	.1										13	13	32	52
31	.5			.8												10	10	17	60
29																		7	56
27	.3			.1												3	3	3	34
25			.4													3	3	7	49
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb																			
Wet Bulb																			
Dew Point																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

APR  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

73-81

APR  
MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.S./W.S.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
67/85															.1			1	1																
67/81												.1						1	1																
67/79										.3								2	2																
74/77							.1	.1	.1	.4								7	7																
76/75						.1	.5	.3	.1	.4	.1	.1						7	7																
74/73					.1	.5	.3	.5	.3	.4	.1							13	13																
72/71				.1	.3	.4	.3	.1	.1	.1								11	11																
71/69			.1	.5	.3	.5		.5	.3	.1								18	18																
66/67			.4	.5	.3	.4		.4	.3	.4								20	20	1															
66/65			.8	.5	.4	.1	.1	.3	.5	.3								23	23	9															
64/63		.3	.6		.3	.3	.4	.5	.5	.1								23	23	17	2														
62/61	.1	.5		.5	.6	.1	.5	.6		.1								25	25	25	10														
60/59		.3	.4	.5	.4	2.0	.8	.9	.3									43	43	25	12														
58/57	.1	.1	.6	.9	1.3	1.1	.9	.8	.3									48	49	15	25														
56/55	1.0	.4	.1	.4	1.3	1.5	1.4	.3	.3									52	52	27	16														
54/53	.1	.1	.6	.4	1.1	1.0	1.3	.5										41	41	28	14														
52/51	.1	.6	1.1	1.0	1.1	1.1	.8	.3										48	48	31	15														
50/49	1.0	1.5	1.3	.9	.8	1.7	.4	.1										60	60	63	40														
48/47	.3	1.9	1.0	1.4	1.4	1.0	.4											58	58	69	25														
46/45	.4	1.3	.5	1.9	1.7	.5	.1											50	50	66	33														
44/43		.8	.6	.9	.9	.3	.1											28	28	54	33														
42/41	.5	1.8	.9	1.8	1.7													52	52	58	45														
40/39	.1	1.1	1.5	.6	1.4	.3												40	40	69	37														
38/37	1.0	.9	1.0	1.0	.5													35	35	60	67														
36/35	1.1	1.0	1.0	.6	.1													31	31	48	65														
34/33	.5	.4	.5	.1	.1													13	13	48	33														
32/31	.9	.3	.1	.5	.1													15	15	34	62														
30/29	.1		.4	.3														6	6	11	62														
28/27	.3		.3															4	4	5	34														
26/25	.1		.1															2	2	10	69														
24/23			.5															4	4	3	21														
22/21			.3															2	2	2	20														
20/19		.1																1	1	5	25														
18/17																				1	11														
Element (X)	Σ X²			Σ X			Σ			Σ²			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			



## PSYCHROMETRIC SUMMARY

**YEARS**

**APR**  
**MONTH**

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**73-81**

**YEARS**

APR  
MONTH

PAGE : 2100-2300  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

APR  
MONTH

PAGE 2 ~~2100-2300~~  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**YEARS**

APR  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
92/ 91															.0			2	2						
91/ 89												.0			.0	.0		5	5						
88/ 87														.0			.0	3	3						
86/ 85												.0	.0	.0				6	6						
84/ 83											.1		.0					9	9						
82/ 81									.0	.1	.0	.0	.0					14	14						
81/ 79								.1	.1	.1	.0	.1	.0					26	26						
76/ 77						.0	.1	.1	.1	.1	.1	.0						26	26						
76/ 75						.1	.2	.1	.1	.1	.0	.0						39	39						
74/ 73			.0	.0	.1	.2	.1	.1	.2	.0	.1	.0						57	57						
72/ 71				.0	.1	.1	.2	.1	.3	.2	.1							68	68	1					
71/ 69			.0	.2	.3	.2	.1	.2	.1	.3	.0							103	103		1				
65/ 67			.1	.3	.2	.1	.2	.2	.3	.2								108	108	9					
66/ 65		.1	.5	.3	.3	.1	.2	.3	.2	.3	.0							149	150	33					
64/ 63		.4	.3	.2	.2	.1	.3	.2	.4	.1								140	140	109	5				
62/ 61	.1	.7	.3	.4	.3	.4	.4	.6	.1	.1								209	209	144	35				
60/ 59	.1	.7	.4	.3	.5	.7	.5	.6	.3	.0								266	267	145	117				
59/ 57	.2	.4	.6	.5	.6	.5	.7	.6	.3	.0								274	275	167	143				
56/ 55	.4	.5	.6	.4	.9	.9	.7	.4	.1									301	302	160	122				
54/ 53	.1	.7	.6	.7	.6	.5	.6	.4										272	272	203	130				
52/ 51	.3	.7	1.4	.7	.9	.8	.6	.1										346	346	289	126				
50/ 49	.6	1.3	1.1	1.0	.8	.8	.5	.1										398	398	331	214				
45/ 47	.3	1.6	1.1	1.1	.7	.7	.2											361	361	445	179				
46/ 45	.6	1.9	1.2	1.2	1.0	.5	.0											404	404	459	308				
44/ 43	.9	1.9	1.1	1.2	.7	.2	.0											376	377	502	345				
42/ 41	.6	2.0	1.3	1.2	.6	.1												369	370	467	332				
40/ 39	1.0	2.0	2.0	.6	.7	.1												402	402	483	416				
36/ 37	.8	2.0	1.6	.8	.3	.0												358	358	501	388				
36/ 35	.9	2.0	1.7	.7	.1													340	341	418	468				
34/ 33	1.1	1.3	.9	.4	.1	.0												244	244	409	414				
32/ 31	1.3	1.6	.5	.3	.0													244	244	344	559				
30/ 29	.4	1.0	.6	.1	.0													132	133	236	453				
28/ 27	.6	.7	.3	.0														107	107	158	322				
26/ 25	.2	.3	.3	.0														51	51	116	347				
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									



## PSYCHROMETRIC SUMMARY

**73-81**

**YEARS**

APR  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72643C LA CROSSE MAP, WI  
STATION

73-81

YEARS

MAY  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
74/ 77							.1																										1	1			
76/ 75						.2																											2	2			
74/ 73					.2	.2																											4	4			
72/ 71		.1	.4	.1	.2	.1																											8	8			
71/ 69		.4	.9	.1	.1	.4																											15	15	2		
68/ 67	.6	1.1	1.0	.6	.5	.5	.2	.2																									39	39	13	10	
66/ 65	1.2	1.4	.4	.2	.7	.7	.4	.2																									43	43	33	23	
64/ 63	.5	1.4	1.0	.2	.9	.1	.4	.2																									38	38	26	19	
62/ 61	.5	2.2	.2	.9	.1	.1	.2																										35	35	33	25	
60/ 59	1.4	.7	.6	1.2	.5	.7	.4																										45	45	40	39	
58/ 57	1.1	2.8	1.0	1.0	.7	.4	.1																										58	58	34	34	
56/ 55	1.5	1.6	2.0	1.0	.5	.6																											58	58	65	36	
54/ 53	1.0	2.6	2.2	1.2	.7	.2																											65	65	45	29	
52/ 51	1.1	3.7	2.3	.7	.9		.1																										72	72	65	52	
50/ 49	.9	2.8	2.3	.5	.6	.5																											62	62	77	74	
48/ 47	1.2	3.9	1.2	.7	.5	.1																											63	63	79	53	
46/ 45	.1	4.4	.7	.5	.6																												52	52	71	75	
44/ 43	.4	3.2	1.0	.5																													41	41	60	52	
42/ 41	.2	1.5	1.0	1.0	.1	.1																											32	32	35	61	
40/ 39	.7	1.2	.9	.2																													25	25	38	51	
38/ 37	.9	1.4	1.1	.6	.1																												33	33	42	33	
36/ 35	.6	.6	.5	.1																													15	15	23	44	
34/ 33	.1	.2	.4																														6	6	17	30	
32/ 31		.1																															1	1	13	25	
30/ 29																																				2	14
28/ 27																																				10	
26/ 25																																				14	
24/ 23																																				4	
22/ 21																																				2	
20/ 19																																				2	
18/ 17																																				2	
TOTAL	14.0	37.4	21.0	11.6	8.0	5.2	1.8	1.0																									813	813	813		
																																	813		813		
Element (X)	Σx <sup>1</sup>			Σx			Σ			Σ <sub>2</sub>			No. Obs.			Mean No. of Hours with Temperature																					
Ref. Num.	5386094			64604			79.716.482			813			± 0 F			± 32 F			± 67 F			± 73 F			± 80 F			± 93 F			Total						
Dry Bulb	2382961			43097			53.0 9.178			813						.1			7.9			.8									93						
Wet Bulb	2066829			40365			49.6 8.789			813						1.7			1.7												93						
Dew Point	1831014			37674			46.218.245			813						6.4			1.1												93						

FORM 0-26-5 (OL A) REVERSE SERVICE BRANCH OF THE POST AIR COUNCIL

USAFETAC



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI STATION NAME

73-81 YEARS

MAY MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point
72/ 71					.1													1	1		
71/ 69	.1	.2	.1	.4														7	7	2	2
68/ 67	.4	1.1	1.0	.1	.2													23	23	7	4
66/ 65	1.0	1.7	1.2	.4	.4	.4			.1									42	42	19	17
64/ 63	.9	1.1	.1	.9	.9	.4		.2										36	36	31	20
62/ 61	1.0	2.3	.5	.7	.1	.1		.1										40	40	36	27
60/ 59	1.2	1.6	1.2	.6	.4	.2	.2											45	45	34	40
56/ 57	.9	2.0	1.1	.5	.9	.2												45	45	36	31
56/ 55	1.8	1.6	1.6	.4	.6	.1												50	50	55	31
54/ 53	1.1	2.2	2.2	1.2	.5													59	59	41	33
52/ 51	1.7	2.8	1.4	1.0	.5	.1												61	61	50	55
50/ 49	1.2	3.0	2.1	.7	.9													64	64	71	53
48/ 47	1.5	3.1	.2	1.0	.2	.1												50	50	67	57
46/ 45	1.4	5.2	1.5	.5	.5													73	74	82	73
44/ 43	1.2	2.6	.7	.6	.2													44	44	51	59
42/ 41	.6	3.3	.9	.9														46	46	55	47
41/ 39	1.7	1.7	.7															34	34	48	60
38/ 37	1.7	1.4	.6	.5														36	36	42	44
36/ 35	1.4	1.4	.9	.1														30	30	38	47
34/ 33	.4	.4	1.0															16	16	18	32
32/ 31	.1	.4	.4															7	7	15	26
30/ 29	.1	.2	.1															4	4	12	17
28/ 27																				2	13
26/ 25																				1	12
24/ 23																					3
22/ 21																					5
20/ 19																					4
18/ 17																					1
TOTAL	21.4	39.7	19.6	10.5	6.4	1.7	.2	.4	.1									813	814	813	813

USAFETAC FORM 8-26-5 (OL A) WHEN REVISIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI

73-81

MAY

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
77/ 77				.1														1	1					
76/ 75			.1	.2	.1													4	4					
74/ 73			.4	.4		.1												7	7	1				
72/ 71		.2	.7	.7	.1	.1												16	16	3	2			
70/ 69	.1	.5	.6	.5	.5		.1											19	19	12	5			
68/ 67		.8	1.0	1.0	.5	.7	.1	.1										35	35	12	9			
66/ 65	.6	1.3	.7	1.5	.5	.4		.1										42	42	25	19			
64/ 63	.6	1.7	.5	.8	.6	.2	.4	.1										41	41	32	26			
62/ 61	.6	1.3	.4	.8	1.0	.2	.2											38	38	40	23			
60/ 59	.6	1.7	1.8	1.5	.7	.2	.1		.1									56	56	35	37			
58/ 57	1.2	2.5	1.6	1.5	.6													61	61	52	38			
56/ 55	.1	1.9	1.8	1.6	.8	.1												53	53	53	33			
54/ 53	1.1	1.9	2.1	1.6	.8													62	62	61	53			
52/ 51	2.2	2.3	2.7	.7	.8	.4												75	75	73	65			
50/ 49	1.3	2.1	1.9	1.6	1.6													70	70	65	50			
48/ 47	1.0	2.8	1.7	.6	.6	.1												56	56	66	74			
46/ 45	.7	2.2	1.7	1.3	1.0													57	57	70	59			
44/ 43	.1	1.7	1.3	1.0	.4													37	37	44	39			
42/ 41	.7	1.1	.7	1.0														29	29	54	61			
40/ 39	1.0	1.2	1.0	.5														30	30	42	49			
38/ 37	.7	.7	.5	.4	.1													20	20	45	43			
36/ 35	.2	.2	.1	.2														7	7	18	33			
34/ 33	.2		.2	.1														5	5	10	31			
32/ 31		.1	.2															3	3	3	27			
30/ 29																				6	14			
28/ 27																				2	15			
26/ 25																					9			
24/ 23																					1			
22/ 21																					3			
20/ 19																					3			
18/ 17																					2			
16/ 15																					1			
TOTAL	13.2	28.9	23.8	19.9	10.8	2.7	1.0	.4	.1									824	824	824	824			
Element (X)	Σ x <sup>2</sup>		Σ x		Σ x	Σ x	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.	5261363		64615		78.4	15.373	824		≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb	2486730		44352		53.8	9.188	824			.3	9.3	1.4					93							
Wet Bulb	2148110		41424		50.3	8.931	824			1.2	3.2	.1					93							
Dew Point	1899789		38563		46.8	10.436	824			8.5	1.8						93							

FORM 10-4 0-26-3 (0-1) REPRODUCED BY THE AIR FORCE

USAFETAC



## PSYCHROMETRIC SUMMARY

YEARS

MAY  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
66/ 85						.1	.1	.1										3	3					
64/ 83					.2	.1	.6	.1		.1		.1						11	11					
62/ 81				.1	.4	.1	.4		.1	.2								11	11					
60/ 79				.4	.1	.6	.1	.4										13	13					
70/ 77				.4	.4	.1	.4	.2	.7	.1	.1	.1						21	21	1				
76/ 75			.1	.6	1.5	.5	.4	.4	.5	.4		.1						36	36	4				
74/ 73			.2	.4	.4	.4	.4	.7		.5								24	24	11	3			
72/ 71		.1	.9	1.2	.7	.5	.9	.7	.1	.1	.1							40	40	17	5			
70/ 69		.4	.9	1.1	1.1	1.0	.7	.4	.5									49	49	16	13			
68/ 67		.2	.9	.5	1.3	1.3	1.1	.4	.4	.2								52	52	26	13			
66/ 65		.1	1.3	1.0	1.5	.7	1.1	.7	.4	.1								57	57	30	21			
64/ 63		.5	.7	1.0	1.9	1.1	.5	.7	.6	.1								59	59	43	30			
62/ 61		.1	.6	.7	1.2	1.8	1.2	1.0	.2	.1								58	58	42	22			
60/ 59	.1	1.8	1.3	1.0	1.1	2.1	.9	.4	.2									73	73	54	31			
58/ 57	.5	1.6	1.3	.5	1.3	.9	1.5	.5										66	66	76	41			
56/ 55	.1	.7	1.6	1.1	.9	.9	.9	.1										51	51	72	47			
54/ 53	1.1	1.1	.2	1.1	1.0	1.2	.2	.2	.3									51	51	71	58			
52/ 51	.4	.4	.5	1.1	1.3	.6	.4	.1										39	39	69	54			
50/ 49	.5	.6	1.1	.6	1.0	.9	.6											43	43	62	63			
48/ 47	.4	.7	.7	.4	.7													24	24	57	45			
46/ 45	.1		.5		.5	.2												14	14	55	41			
44/ 43		.7		.2	.2	.1												11	11	41	43			
42/ 41		.6		.1	.1													7	7	28	59			
40/ 39	.1	.4	.1		.1	.1												7	7	25	44			
38/ 37	.2																	2	2	12	39			
36/ 35																				7	29			
34/ 33																				2	26			
32/ 31																				1	33			
30/ 29																					14			
28/ 27																					13			
26/ 25																					13			
24/ 23																					6			
22/ 21																					6			
20/ 19																					7			
Element (K)	Σ <sub>21</sub>		Σ <sub>21</sub>		Σ		Σ <sub>21</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

73-81

MAY  
MONTH

PAGE 2

0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
1 / 17																						1										
16 / 15																						1										
14 / 13																						1										
T. TAL	3.5	10.1	12.5	13.7	19.0	15.3	12.2	7.2	3.8	2.1	.2	.4								822		822										
																				822		822										



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

MAY  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
91										.1								1	1					
89									.2			.1						3	3					
87						.2	.1	.4	.5	.2	.4	.1	.4		.4			22	22					
85					.1	.1	.5	.6	.4	.6	.4	.5						26	26					
83					.2	.4	.5	.4		.2	.5	.4			.1			22	22					
81				.1	.4	.1	.7	.4	.6	.1	.2	.2	.4	.1				28	28					
79					.4	.8	.6	.1	.2	.6	.1	.7	.2	.1				33	33					
77				.1	.1	.6	.2	.4	.4	.6	.8	.2	.1					30	30	.4				
75			.1	.2	.7	.6	.4	.4	1.1	.6	.8	.4						44	44	.4				
73			.1	.7	.5	.7	.4	.5	1.1	1.3	.5	.1						49	49	.7				
71		.1	.2	.5	.5	.4	.1	1.1	.4	1.1	.1	.2						39	39	.20				
69		.1	.1	.7	1.1	1.2	.6	.7	1.0	.6	.5	.1						56	56	.24				
67		.2	.5	.6	1.3	.5	1.2	.8	2.1	.7	.2							68	68	.41				
65	.1	1.0	.1	1.2	1.1	.7	.2	1.7	1.7	.8	.1							73	73	.36				
63		.1	.1	.7	.5	.5	2.2	.6	.5	.6								48	48	.45				
61		.2	1.0	.6	.4	.8	1.1	.7	.5									44	44	.45				
59	.2	1.5	.8	.4	.6	.7	1.1	1.1	.5									57	57	.58				
57		1.0	.8	.1	.2	1.5	.5	1.2	.2									46	46	.91				
55	.4	1.1	.4	.6	.7	.5	.8	.8										44	44	.68				
53	.2	.2	.6	1.1	.6	.2	.8	.5										36	36	.67				
51	.4	.5	.1	.2	.1	.1	.1	.1										14	14	.78				
49		.5	.1	.5	.1	.7	.1											17	17	.54				
47		.6		.1														6	6	.61				
45		.6	.2		.1													8	8	.33				
43		.4																3	3	.35				
41		.2																2	2	.24				
39		.4																3	3	.8				
37	.1																	1	1	.6				
35	.1																	1	1	.1				
33																								
31																								
29																								
27																								
25																								
Element (X)	Σ x'		Σ x		Σ		σ <sub>n</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

MAY  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
24 / 23																					10			
22 / 21																					13			
20 / 19																					5			
TOTAL	1.6	8.7	5.5	8.6	9.8	11.5	12.4	12.5	11.3	8.4	4.7	3.2	1.1	.4	.4				824	824	824			
																			824	824				
																		</						



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI  
STATION STATION NAME

73-81  
YEARS

MAY  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
91												.1							1	1																
89								.1	.1		.1	.6							8	8																
87								.2	.1	.2	.7	.1		.4	.1	.1			17	17																
85								.7	.4	.9	.2		.5	.1	.1				24	24																
83					.4		.1	.4		.1	.6			.1	.2				16	16																
81					.1	.2	1.1	.2	.1	.1	.6		.5						25	25																
79						1.0	1.5	.2	.4	1.2	.5	.6	.4						47	47																
77				.1	.2	1.2	.4	.2	.7	.4	.6	.2							34	35																
75			.2	.2	.4	.6	.2	.7	.7	1.7	1.2	1.0	.2						60	60	5															
73		.2	.5	.6	.2	.4	.4	.4	.9	1.8	.1	.2							47	47	4	1														
71		.1	.1	.5	.6	.9	.6	1.3	1.0	.6	.6								52	52	19	4														
69		.1	.7	.2	1.3	.2	.4	.7	1.2	1.5	.7								59	59	48	7														
67		.5	.5	.1	.9	.4	.7	1.2	2.3	.5	.1								59	59	48	9														
65	.1	.1	.7	.7	.9	.4	1.0	1.1	1.2	1.2	.1								62	62	24	29														
63	.2	.5	.1	.5	.2	1.0	.7	.2	.7	.5									39	39	39	41														
61	.1	.9	.5	.4	.2	.6	1.1	.7	.9	.5									48	48	64	32														
59	.4	1.1	.5	.5	.7	.5	.2	1.2	.6										47	47	50	36														
57	.5	1.0	.7	.4	1.0	1.5	.7	.9	.6										59	60	87	36														
55	.4	.9	.4	.2	.9	.5	.9	.5	.1										35	35	72	48														
53	.2	.5	.1	.9	.6	.2	.1	.1											23	23	73	33														
51	.2	.2	.6	.4	.2		.4												17	17	73	23														
49	.2	1.0	.2	.4		.4													18	18	54	44														
47		.5		.4															7	7	65	45														
45		.7	.2																8	8	36	48														
43		.1																	1	1	33	39														
41			.1	.1															2	2	15	53														
39		.1	.2																3	3	5	57														
37	.1																		1	1	1	52														
35																					2	42														
33																						19														
31																						44														
29																						21														
27																						14														
25																						15														
Element (X)	Σ <sub>h</sub> <sup>1</sup>			Σ <sub>h</sub>			Σ			Σ <sub>a</sub>			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 4 F	≤ 22 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				



## PSYCHROMETRIC SUMMARY

776430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

**YEARS**

MAY  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**YEARS**

    MAY      
MONTH

PAGE 1 ~~1800-2000~~  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**YEARS**

MAY  
MONTH

PAGE 2 1000-2000  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726432 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

MAY  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
81								.1										1													1				
79							.2											4													4				
77						.1												1													1				
75					.5	.4	.1											8													8				
73				.5	.1	.4	.1											12													12				
71			1.0	.6	.2	.8	.2											20													20				
69	.6	.7	1.1	.5	.6	.5	.9			.2								42													42	6	5		
67	.5	.9	.7	1.0	.5	.7	.2	.2	.1									40													40	36	7		
65	.4	1.2	.7	.7	1.0	.2	.6	.1										41													41	32	28		
63	.5	1.0	1.2	.7	.6	.5	.4	.6										45													45	25	29		
61	1.5	1.6	1.0	1.3	.9	.9		.6	.1									64													64	47	24		
59	1.8	1.8	1.5	1.3	1.6	1.1	.7	.4										84													84	61	54		
57	1.2	1.0	1.6	2.3	.4	.4	.1											57													57	53	44		
55	.9	1.5	1.5	2.3	.6	1.0		.1										64													64	50	39		
53	1.0	2.2	2.3	1.5	1.3	.5	.1											73													73	73	41		
51	.7	1.1	2.9	1.6	.5	.6	.1											62													62	75	57		
49	.1	1.9	2.7	1.1	.5	.7	.1											59													59	67	60		
47	.4	1.9	1.1	.5	.6	.4												40													40	82	43		
45	.2	1.0	1.3	1.2	.2	.1												34													34	60	83		
43	.1	1.0	.6	.7	.2													22													22	39	56		
41	.4	.5	.2	1.1														18													18	34	50		
39	.4	.4	.7	.5														16													16	31	40		
37	.1	.5	.2	.4														10													10	19	30		
35		.2	.2															4													4	17	39		
33																																	8	14	
31																																4	27		
29																																		14	
27																																		15	
25																																		14	
23																																		7	
21																																		1	
TOTAL	10.7	20.3	22.7	19.9	10.1	8.6	4.4	2.8	.5									821													821		821		
																		821													821				
Element (X)	Σx'	Σx		X	Σx	No. Obs.		Mean No. of Hours with Temperature										Total																	
Rel. Hum.	4685013	60285		73.4	17.750	821		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																					
Dry Bulb	2713127	46637		56.8	8.828	821				14.5	2.9	.1	93																						
Wet Bulb	2286589	42769		52.1	8.453	821			.5	5.0			93																						
Dew Point	1952555	39109		47.0	10.951	821			8.8	1.9			93																						

USAFETAC FORM 0-26-5 (OL A) REPRODUCED BY THE AIR FORCE



## PSYCHROMETRIC SUMMARY

YEARS

MAY

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
91									.0	.0	.0	.0	.0					2	2					
89									.0	.0	.0	.0	.0					11	11					
87						.0	.0	.1	.1	.1	.2	.0	.1	.0	.1			41	41					
85					.0	.0	.1	.2	.1	.2	.1	.1	.1	.0	.0			60	60					
83				.1	.1	.1	.2	.2	.1	.0	.1	.1	.0	.0	.0			61	61					
81			.0	.1	.1	.1	.3	.2	.1	.1	.1	.0	.1	.0				73	73					
79				.1	.1	.4	.4	.2	.1	.3	.1	.2	.1	.0				118	118					
77			.0	.1	.2	.3	.2	.1	.3	.2	.2	.1	.0					112	113	5				
75			.1	.2	.5	.3	.2	.3	.4	.4	.3	.2	.0					181	181	14	1			
73		.0	.2	.5	.2	.3	.2	.4	.4	.5	.1	.1						192	192	36	13			
71		.1	.4	.5	.4	.3	.3	.6	.2	.3	.1	.0						211	211	61	11			
69	.2	.3	.7	.5	.7	.5	.5	.4	.5	.4	.2	.0						309	309	142	49			
67	.2	.8	.8	.5	.7	.5	.5	.7	.2	.1								366	366	236	74			
65	.5	1.0	.7	.9	.8	.6	.6	.7	.5	.4	.0							431	431	231	204			
63	.4	.9	.6	.8	.8	.7	.7	.4	.3	.2								376	376	279	231			
61	.5	1.2	.6	.8	.6	.7	.6	.5	.3	.1								383	383	359	211			
59	.8	1.4	1.1	.9	.9	.8	.6	.5	.2									472	472	392	311			
57	.7	1.6	1.1	.9	.7	.7	.5	.3	.1									428	429	488	300			
55	.7	1.3	1.2	1.0	.8	.6	.4	.3	.0									416	416	505	321			
53	.8	1.4	1.3	1.2	.8	.4	.2	.1										412	412	513	324			
51	.8	1.5	1.5	.8	.6	.3	.2	.0										379	379	559	395			
49	.5	1.6	1.4	.7	.6	.5	.1											359	359	502	429			
47	.6	1.8	.6	.5	.4	.2												270	270	549	404			
45	.3	1.8	.8	.5	.4	.1												258	259	454	488			
43	.2	1.3	.5	.4	.2	.0												167	167	331	371			
41	.2	.9	.4	.5	.0	.0												139	139	272	433			
39	.5	.7	.5	.2	.0	.0												123	123	215	405			
37	.5	.5	.3	.2	.0													104	104	192	331			
35	.3	.3	.2	.1														57	57	107	320			
33	.1	.1	.2	.0														27	27	57	196			
31	.0	.1	.1															11	11	37	246			
29	.0	.0	.0															4	4	20	126			
27																				4	112			
25																				1	106			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 6 F		≤ 22 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

73-81

**YEARS**

**MAY**  
**MONTH**

**PAGE 2**

ALL  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

JUN  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

**YEARS**

**JUL**  
**MONTH**

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

73-81

JUN  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

73-81

YEARS

**JUN**  
**MONTH**

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

JUN  
MONTH

PAGE 1 1200-1400  
MOUSE (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
61/ 95									.1									1	1					
64/ 93											.1							1	1					
67/ 91						.1	.3	.1		.4		.1						8	8					
70/ 89					.1		.9	.4	1.0	.3	.3	.3						25	25					
73/ 87					.1	.5	1.4	.9	.6	.1	.4	.4	.1					36	36					
76/ 85	.1			.1	.1	.5	.4	.8	.6	.8	.3	.1	.1					31	31	1	1			
79/ 83				.3	.3	.5	.6	.6	.9	.8	.5	.5	.3					41	41					
82/ 81			.1	.4	.4	.8	1.1	.9	2.7	.8	.8	.5						66	66	2				
85/ 79			.4	.5	1.8	1.9	1.4	2.7	1.4	.8	.5							89	89	6	1			
88/ 77		.3	.3	.4	.9	.6	1.9	1.0	1.0	.9	.3							59	59	22	3			
91/ 75		.3	.3	.8	2.0	1.1	1.9	2.5	1.9	.5								89	90	25	9			
94/ 73		.4	.3	1.3	1.1	1.3	1.8	1.4	1.0	.1								68	68	42	22			
97/ 71		.3	.5	.6	.6	1.1	2.0	1.4	.3	.1								55	55	52	18			
100/ 69	.1	.3	1.0	1.1	1.8	.8	2.7	.5	.3									62	62	55	32			
68/ 67	.4	.6	1.3	.6	1.0	1.3	2.3	.4	.1									63	63	90	50			
66/ 65		.5	.6	.5	1.1	.9		.1										30	30	95	54			
64/ 63	.1	1.5		.6	.4	.5	.4											28	28	91	45			
62/ 61			.3	.3	.5	.1	.1											10	10	100	54			
60/ 59		.8	.5	.3														12	12	80	72			
58/ 57	.3	.5	.1															7	7	63	68			
56/ 55			.4		.3													5	5	41	80			
54/ 53				.1														1	1	14	59			
52/ 51																				4	41			
50/ 49																				3	64			
48/ 47																				1	53			
46/ 45																					26			
44/ 43																					17			
42/ 41																					13			
40/ 39																					1			
38/ 37																					4			
TOTAL	1.0	5.3	6.0	7.7	12.6	12.1	18.6	13.7	11.9	5.5	3.0	1.9	.5					787	788	787	787			
Element (X)	$\Sigma x^1$			$\Sigma x$		$\Sigma x^2$		$\Sigma x^3$		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	2729035			44473		56.5		16.573		787		$\leq 0 F$		$\leq 32 F$		$\leq 67 F$		$\leq 73 F$		$\leq 80 F$		$\leq 93 F$		Total
Dry Bulb	4538262			59494		75.5		7.684		788						79.4		58.8		29.0		.2		90
Wet Bulb	3331908			50977		64.8		6.171		787						33.7		11.2		.5				90
Dew Point	2692114			45562		57.9		8.318		787						15.6		4.1		.2				90



## PSYCHROMETRIC SUMMARY

YEARS

JUN  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]

**USAFETAC** FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



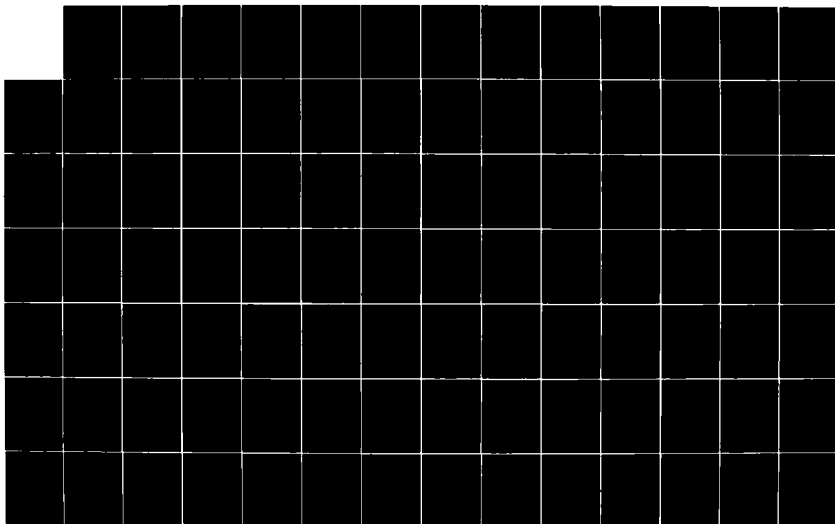
AD-A122 713

LA CROSSE MAP WISCONSIN REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERV..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A... 30 JUL 82  
USAFETAC/DS-82/047 SBI-AD-E880 206 F/B 4/2

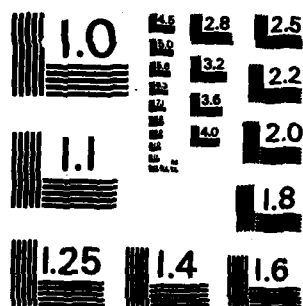
516

UNCLASSIFIED

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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFD WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI

73-81

YEARS

JUN

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
2 / 91									.1									1	1				
3 / 89								.4	.3									5	5				
4 / 87					.1	.1	.5		.1		.3							9	9				
5 / 85			.1	.1	.4	.5	.3	.5	.4	.3	.1							21	21				
6 / 83				.3	.6	.9	.6	.8	.1	.3	.1							29	30				
7 / 81				.1	.3	.9	.9	.5	.5	.4	.5							32	32	1			
8 / 79		.4	.6	.3	.8	1.5	1.3	1.5	1.0	.5	.1							63	63	5	2		
9 / 77	.3	.1	.3	.9	1.8	1.7	1.5	1.7	.4	.5	.3							73	73	14	6		
10 / 75		.6	.4	.4	1.7	1.7	2.3	.9	.9	.3								71	71	20	9		
11 / 73		.5	.6	1.7	1.1	2.2	1.4	1.5	.8	.3								79	79	33	15		
12 / 71		.5	1.5	1.1	2.3	2.2	2.0	.5	.3	.1								83	83	44	18		
13 / 69		.3	1.5	1.5	3.0	.9	1.8	.8	.3									79	79	51	34		
14 / 67	.1	.5	1.0	.9	1.5	1.7	1.0	.3	.1									56	56	73	36		
15 / 65	.3	1.7	1.9	2.0	1.5	1.3	.1	.1										70	70	94	56		
16 / 63	.6	1.1	.9	1.9	1.7	.6	.1											55	55	114	61		
17 / 61		1.1	.5	1.0	.9	.3												30	30	99	52		
18 / 59		.6	1.0		.4	.1												17	17	87	83		
19 / 57		.3	.3	.1	.1													6	6	71	86		
20 / 55		.1		.3	.1													4	4	50	80		
21 / 53				.1														1	1	16	65		
22 / 51		.3	.1															3	3	7	50		
23 / 49																				8	53		
24 / 47																					38		
25 / 45																					16		
26 / 43																					15		
27 / 41																					7		
28 / 39																					4		
29 / 37																					1		
TOTAL	1.3	8.1	13.8	12.7	18.3	16.4	13.9	9.4	5.2	2.5	1.4							787	788	787	787		
Element (X)	Σx'		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	3354140		49812		63.316.006		787		10 F		12 F		16 F		20 F		24 F		28 F				
Dry Bulb	4163325		57003		72.5 7.111		788						68.8		43.9		15.8		90				
Wet Bulb	3236608		50250		63.9 5.984		787						27.6		8.3		.2		90				
Dew Point	2726988		45918		58.3 7.804		787						13.7		3.1				90				

USAFETAC FORM 10-64 0-26-5 (OLAI) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72643 LA CROSSE MAP, WI  
STATION STATION NAME

73-81  
YEARS

YEARS

JUL  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
4/ 83					.1													1	1	
5/ 81				.4	.3	.1												6	6	
6/ 79			.5	.3	.6	.5	.1											16	16	
7/ 77	.3	.1	.4	.8	1.3	.6	.1	.3	.1									31	31	2
8/ 75	.5	.6	1.0	.8	1.0	.3		.4										36	36	13
9/ 73	.1	1.3	.4	1.6	1.0	.9	.9	.1	.1									51	51	23
10/ 71		1.0	2.1	1.4	.8	.5	.4											49	49	24
11/ 69	.3	1.8	1.6	2.1	1.5	.8	.3											66	66	46
12/ 67	.5	1.6	3.2	2.9	2.1	.4	.3	.1										88	88	62
1/ 65	.9	3.3	2.4	4.4	.4	.8	.4											99	99	56
2/ 63	.5	2.0	3.5	1.9	.9	.5	.4											77	77	96
3/ 61	.5	4.6	2.4	1.6	.8	.1												79	79	88
4/ 59	.1	3.5	2.9	2.3	1.1													79	79	120
5/ 57	.5	2.3	2.4	1.0	.5													53	53	74
6/ 55	.3	1.5	1.4	.4														28	28	74
7/ 53		1.3	.8	.3														18	18	56
8/ 51	.1	.5	.5															9	9	39
9/ 49	.1	.1																2	2	10
10/ 47	.3	.1																3	3	7
11/ 45																				1
12/ 43																				
1/ 41																				
TOTAL	4.9	25.7	25.5	22.1	12.4	5.4	2.8	.9	.3									791	791	791



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

JUN

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
6/ 95									.0	.0	.0							4	4								
4/ 93							.0		.0	.0	.0							4	4								
2/ 91						.0	.0	.1	.1	.1	.0							22	22								
1/ 89					.0	.0	.3	.2	.3	.1	.1	.1						62	62								
8/ 87					.0	.1	.4	.2	.2	.1	.1	.1	.0					83	84								
6/ 85	.0		.0	.0	.1	.2	.2	.3	.2	.2	.1	.0	.0					91	91	1	1						
4/ 83				.1	.3	.3	.3	.3	.3	.2	.2	.1	.1					141	142								
2/ 81	.0	.0	.0	.2	.2	.5	.6	.4	.7	.3	.3	.1						219	219	7	2						
1/ 79		.1	.3	.3	.6	.8	.5	.9	.6	.3	.2	.0						292	292	18	4						
76/ 77	.1	.2	.4	.5	1.0	.7	.9	.7	.4	.4	.1							339	339	78	18						
76/ 75	.1	.3	.4	.7	1.4	1.0	1.0	.9	.6	.2								416	417	116	46						
74/ 73	.2	.7	.5	1.4	.9	1.0	.9	.7	.4	.1								422	422	194	103						
72/ 71	.2	.7	1.4	.8	1.0	.9	1.0	.4	.1	.0								421	421	279	139						
70/ 69	.3	.9	1.6	1.2	1.8	.9	1.1	.3	.1									510	510	344	205						
68/ 67	.5	1.5	1.6	1.3	1.4	.8	.7	.1	.0									504	504	549	305						
66/ 65	.9	1.8	1.7	2.3	1.0	.7	.2	.0	.0									549	549	598	476						
64/ 63	.7	2.3	1.3	1.5	.8	.5	.1											456	457	682	432						
62/ 61	.5	2.4	1.4	1.1	1.0	.2	.0											413	413	712	398						
60/ 59	.5	2.9	1.6	.9	.7	.1	.0											424	425	769	627						
58/ 57	1.0	2.2	.8	.6	.2													300	301	653	674						
56/ 55	.8	1.5	1.0	.3	.1													237	237	461	776						
54/ 53	.6	1.3	.6	.2	.0													176	176	347	519						
52/ 51	.6	.7	.3	.0														104	104	255	398						
50/ 49	.4	.6	.2	.0														79	79	147	445						
48/ 47	.2	.5																44	44	83	390						
46/ 45	.1	.2																16	16	30	197						
44/ 43		.1																4	4	8	101						
42/ 41	.0																	1	1	2	45						
40/ 39	.0																	2	2	2	22						
38/ 37																					10						
36/ 35																					2						
TOTAL	7.6	20.8	15.3	13.5	12.4	8.5	8.3	5.6	4.1	2.1	1.1	.6	.1					6335	6341		6335						
																						6335		6335			
Element (K)	Σg		Σg		Σg		Σg		Σg		Σg		Σg		Σg		Σg		Σg		Σg						
Rel. Hum.	34836661		454383		71.7		18.829		6335		≤ 6 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F						
Dry Bulb	30078282		432734		68.2		9.270		6341						401.2		238.2		90.5		.9						
Wet Bulb	24560937		391981		61.9		6.731		6335						180.3		47.1		1.5								
Dew Point	21996420		365498		57.7		7.529		6335						93.5		19.8		.5								

0-26.5 (01.4) WIND SPEEDS REPORTED IN THIS FORM ARE OBSERVED

FORM 44

USAFETAC



## PSYCHROMETRIC SUMMARY

**YEARS**



PAGE 1 ~~0000-0200~~  
(HOURS (L. S. T.))

[illegible]



## PSYCHROMETRIC SUMMARY

726430                      LA CROSSE MAP, WI  
STATION                                      STATION

73-81

JUL  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

**73-81**

**YEARS**

**ALL**

PAGE 1 0600-0800  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI

73-81

JUL

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL																				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																														
96/ 95											.1							1	1																															
94/ 93							.1		.1									2	2																															
92/ 91								.4		.4								6	6																															
90/ 89					.1	.4	.1	.9	.5									16	16																															
88/ 87				.1	.2	.2	.7	.9	.6		.1							24	24																															
86/ 85			.2	.4	.7	.7	.7	.4	.6									31	31																															
84/ 83			.1	.6	1.1	1.2	1.6	.7	.6	.1								52	52										1																					
82/ 81		.1	.5	.9	2.0	.6	2.1	1.5	.2	.1			.1					66	66									5	1																					
80/ 79		.1	.9	.9	2.0	2.3	1.1	2.1	.6	.1								83	83									10	5																					
78/ 77		.2	1.1	2.8	2.6	2.7	2.8	.6								.1		105	105									25	7																					
76/ 75	.1	1.0	1.1	2.8	3.0	3.0	1.4	.5										104	104									51	19																					
74/ 73	.1	1.5	1.7	3.0	1.5	2.2	1.2	.5										95	96									93	28																					
72/ 71		1.0	2.0	1.8	1.6	1.6	.6	.2	.2	.1								75	75									94	64																					
70/ 69	.5	1.0	1.6	1.1	2.1	1.1	.1	.1	.1									63	63									103	73																					
68/ 67	.2	.6	.5	1.0	.9	.5	.2		.1									33	33									138	106																					
66/ 65	.6	.2	.4	1.0	.5	.5												26	26									105	95																					
64/ 63	.1	.6	.6	.1	.2													14	14									61	72																					
62/ 61	.4	.1	.2	.2														8	8									60	75																					
60/ 59	.1	.1	.1	.2														5	5									34	80																					
58/ 57			.1															1	1									13	68																					
56/ 55		.1																1	1									11	52																					
54/ 53		.1																1	1									7	30																					
52/ 51																													1	8																				
50/ 49																														16																				
48/ 47																														4																				
46/ 45																														2																				
42/ 41																														2																				
40/ 39																														4																				
36/ 35																														1																				
TOTAL	2.2	6.9	11.2	16.4	18.1	17.1	13.2	9.1	3.6	1.5	.2	.1	.1					812										812	812	812																				
																						812		812																										
Element (N)	Σ <sub>1</sub>			Σ <sub>2</sub>			Σ <sub>3</sub>			Σ <sub>4</sub>			No. Obs.			Mean No. of Hours with Temperature													Total																					
Rel. Hum.	3769257			54015			66.5			10.737			812			10 F 10 F 10 F 10 F 10 F 10 F 10 F 10 F 10 F 10 F													93																					
Dry Bulb	4749230			61914			76.2			6.458			813			66.6 67.0 28.1 .3													93																					
Wet Bulb	3793281			56329			68.1			5.350			812			59.6 21.2 1.4													93																					
Dew Point	3321691			51647			63.6			6.819			812			34.7 6.9 .5													93																					



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA GROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

JUL  
MONTH

PAGE 1 1200-1800  
HOURS (L. T. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																	
14/103												.1																					1	1			
12/101												.1																					1	1			
10/99										.1	.1	.1																				4	4				
98/97												.1	.2	.2																		5	5				
96/95									.1	.1	.6	.4																					11	11			
94/93							.1	.2	.1	.6	.7																					15	15				
92/91					.1	.2	.2	.6	2.1	.6	.1																					33	33				
90/89				.2	.1	.6	.5	2.4	1.5	1.1	.8																					55	55				
88/87				.1	.6	1.9	1.6	2.0	1.4	1.4	.7																					78	78				
86/85			.2	.1	.9	2.2	2.0	2.0	1.5	1.5	.5																					89	89	3			
84/83		.2	.1	.7	1.1	1.4	1.6	2.1	1.9	.9	.1																					82	84	3	4		
82/81			.1	.6	1.7	1.0	1.9	1.4	1.6	1.4	.1																					79	79	10	3		
80/79		.1	.5	1.4	.9	1.7	1.0	2.4	1.4	.2																						77	77	10	2		
78/77		.2	.5	1.9	1.2	1.1	1.2	1.5	.6	.4																						70	72	41	7		
76/75		.2	1.0	1.4	2.4	.6	1.1	1.2	.7	.2																						72	75	85	20		
74/73	.2	.2	.4	.7	1.0	.9	.7	1.0	.2																							44	44	128	41		
72/71	.1	.4	.5	.4	.4	1.0	.4	.5	.1																							30	30	108	57		
70/69	.6	.6	.6	.6	.5	.5	.1																									27	27	101	81		
68/67	.2	.2	.2	.2	.6																											13	13	111	83		
66/65	.4	.2	.1	.2	.1																											9	9	71	99		
64/63	.1			.1																												2	2	50	91		
62/61	.1	.1			.2																											4	4	44	46		
60/59																																			23	66	
58/57																																		10	58		
56/55																																			1	49	
54/53																																		2	46		
52/51																																				16	
50/49																																				17	
48/47																																				9	
46/45																																				2	
44/43																																				2	
42/41																																				1	
40/39																																				1	
Element (X)	Σ <sub>1</sub>					Σ <sub>2</sub>					Σ					Σ <sub>5</sub>					No. Obs.					Mean No. of Hours with Temperature											
Rel. Hum.																										≤ 6 F					≤ 32 F						
Dry Bulb																										≤ 67 F					≤ 73 F						
Wet Bulb																										≤ 80 F					≤ 93 F						
Dew Point																																					

FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC



## PSYCHROMETRIC SUMMARY

**YEARS**

**JUL**  
**MONT:**

PAGE 2 1200-1400  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726433 LA CROSSE MAP, WI

73-81

YEARS

JUL  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
14/103												.1						1	1						
12/101											.1							1	1						
10/99									.1	.5		.1	.2					8	8						
98/97									.1	.2	.1	.5	.4					11	11						
96/95						.2		.1	.1	.7	.1	.9						18	18						
94/93						.1	.4	.2	.4	.7	.9	.2	.1					25	25						
92/91								.2	1.0	1.6	1.1	.5						36	36						
90/89							.9	1.5	1.4	1.8	1.5	.5	.2					63	63						
88/87				.4	.4	.7	1.7	3.3	2.3	1.7	1.8	.7	.1					108	108						
86/85		.1	.2	.4	.4	1.8	1.8	1.7	1.6	1.0	.9	.1						98	98	2					
84/83			.2	.1	.7	.9	.6	2.1	3.0	.6	.2	.1						70	71	7	2				
82/81			.1	.5	.7	1.1	1.1	.6	1.5	1.4	.2	.1						60	61	13	3				
80/79		.2		.5	2.5	1.6	.9	2.0	1.2	.7								75	77	18	6				
78/77			.2	.7	.4	2.2	1.0	1.5	.7	.9								62	65	37	18				
76/75		.1	1.4	1.0	1.0	1.0	1.7	1.4	.4	.2								66	68	82	10				
74/73	.5	.9	.9	.7	.9	.1	1.1	.9	.2									36	37	138	33				
72/71	.2	.6	.2	.2	.2	.5	.2	.1										20	20	93	54				
70/69	.2	.9	.6	.2	.2	.6	.1											22	22	107	94				
68/67	.5		.1	.2	.4	.2												12	13	115	73				
66/65	.6	.5			.1	.1												11	11	78	91				
64/63	.4					.1												4	4	53	77				
62/61	.1																	2	2	41	65				
60/59	.1		.1															2	2	16	65				
58/57																				8	67				
56/55																				2	49				
54/53																				1	50				
52/51																					15				
50/49																					21				
48/47																					13				
46/45																					3				
44/43																					2				
TOTAL	2.7	2.8	1.8	4.8	7.5	11.5	11.1	11.5	11.4	10.2	7.0	3.9	1.1					811		822		811			
																		811		811					
Station (Z)	24	25	26	27	28	29	30	31	Mean No. of Hours with Temperature															Total	
≥ 60 F	281.25	280.15	280.35	280.45	280.55	280.65	280.75	280.85	280.95	281.05	281.15	281.25	281.35	281.45	281.55	281.65	281.75	281.85	281.95	282.05	282.15	282.25	282.35	282.45	282.55
≥ 65 F	281.25	280.15	280.35	280.45	280.55	280.65	280.75	280.85	280.95	281.05	281.15	281.25	281.35	281.45	281.55	281.65	281.75	281.85	281.95	282.05	282.15	282.25	282.35	282.45	282.55
≥ 70 F	281.25	280.15	280.35	280.45	280.55	280.65	280.75	280.85	280.95	281.05	281.15	281.25	281.35	281.45	281.55	281.65	281.75	281.85	281.95	282.05	282.15	282.25	282.35	282.45	282.55
≥ 75 F	281.25	280.15	280.35	280.45	280.55	280.65	280.75	280.85	280.95	281.05	281.15	281.25	281.35	281.45	281.55	281.65	281.75	281.85	281.95	282.05	282.15	282.25	282.35	282.45	282.55
≥ 80 F	281.25	280.15	280.35	280.45	280.55	280.65	280.75	280.85	280.95	281.05	281.15	281.25	281.35	281.45	281.55	281.65	281.75	281.85	281.95	282.05	282.15	282.25	282.35	282.45	282.55
≥ 85 F	281.25	280.15	280.35	280.45	280.55	280.65	280.75	280.85	280.95	281.05	281.15	281.25	281.35	281.45	281.55	281.65	281.75	281.85	281.95	282.05	282.15	282.25	282.35	282.45	282.55
≥ 90 F	281.25	280.15	280.35	280.45	280.55	280.65	280.75	280.85	280.95	281.05	281.15	281.25	281.35	281.45	281.55	281.65	281.75	281.85	281.95	282.05	282.15	282.25	282.35	282.45	282.55
≥ 95 F	281.25	280.15	280.35	280.45	280.55	280.65	280.75	280.85	280.95	281.05	281.15	281.25	281.35	281.45	281.55	281.65	281.75	281.85	281.95	282.05	282.15	282.25	282.35	282.45	282.55
≥ 100 F	281.25	280.15	280.35	280.45	280.55	280.65	280.75	280.85	280.95	281.05	281.15	281.25	281.35	281.45	281.55	281.65	281.75	281.85	281.95	282.05	282.15	282.25	282.35	282.45	282.55



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

JUL  
MON

PAGE 1 1600-2000  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEAR

السلامة

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
1/89					.1													1	1					
8/87				.1	.1			.1										3	3					
6/85			.1	.1	.5	.4												9	9					
4/83		.1	.1	.5	.7	.6												17	17					
2/81		.5	.2	.5	.7	.9	.4		.1									27	27	5				
1/79	.1	1.0	.7	1.6	1.1	1.2	.2											49	49	12				
7/77	.7	1.1	2.2	1.6	1.1	.6	.7	.1										67	67	19				
6/75	.2	1.1	2.7	2.0	1.1	1.5	.5	.1										75	75	30				
4/73	.5	3.2	1.9	4.1	.6	1.0												91	91	78				
2/71	.4	2.6	4.4	1.9	1.2	.9	.1											92	92	78				
7/69	1.6	2.5	4.1	2.0	1.7	.5	.1											101	104	107				
6/67	1.6	1.6	3.2	2.5	.6	.2												79	84	106				
6/65	.4	2.7	3.4	1.4	.6	.1												69	71	88				
4/63	.6	2.0	1.4	.7														38	39	94				
2/61	1.2	1.9	.7	.4	.1													35	35	75				
1/59	.9	1.7	.7	.1														28	28	53				
1/57	.2	1.2																12	12	37				
5/55	.1	.4																4	4	12				
4/53	.1	.2																3	3	4				
2/51	.2	.1																3	3	5				
5/49																								
45/47																								
TOTAL	9.1	24.2	26.0	19.4	10.2	8.1	2.5	.4	.1									803	914	803				



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

**YEARS**

JUL  
MONTH

PAGE 1

ALL

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
4/103												.0						2	2					
2/101												.0						2	2					
0/99										.0	.1	.0	.0					12	12					
8/97										.0	.0	.0	.1	.1				16	16					
16/95						.0		.1	.1	.0	.2	.1	.1	.0				34	34					
24/93						.0	.1	.1	.1	.2	.2	.2	.0	.0				53	53					
32/91					.0		.0	.1	.2	.5	.2	.1						83	83					
40/89				.0	.1	.1	.2	.4	.6	.5	.4	.1	.0					158	158					
48/87				.1	.1	.2	.7	.9	.7	.4	.5	.2	.0					245	245					
56/85		.0	.2	.1	.3	.9	.8	.7	.6	.7	.2	.0		.0				295	296	5				
64/83		.1	.2	.4	.6	.8	.7	.8	.9	.3	.1	.0			.0			302	305	15				
72/81		.2	.3	.4	1.0	.8	.9	.7	.6	.4	.0	.0	.0					343	344	48				
80/79	.0	.3	.6	1.0	1.4	1.2	.6	1.1	.5	.2	.0	.0						450	455	73				
88/77	.2	.5	.9	1.6	1.3	1.2	1.0	.6	.2	.2	.1							496	502	172				
96/75	.3	.9	1.4	1.5	1.8	1.3	.8	.5	.2	.1								565	574	372				
104/73	.5	1.3	1.3	1.8	.9	1.0	.5	.3	.1									505	510	656				
112/71	.7	1.4	2.1	1.5	1.0	.7	.2	.1	.0	.0								501	504	643				
120/69	1.6	2.1	2.1	.9	1.1	.5	.1	.0	.0									545	550	781				
128/67	1.5	1.8	2.0	1.1	.7	.2	.1		.0									477	483	900				
136/65	1.4	1.9	1.4	.8	.3	.1		.0	.0									387	397	753				
144/63	.6	1.5	.7	.5	.2	.0		.0										222	225	567				
152/61	.9	1.9	.7	.4	.1													255	260	522				
160/59	1.0	1.6	.4	.1	.0													203	208	390				
168/57	.7	.9	.2															119	120	251				
176/55	.5	.6		.0														74	75	151				
184/53	.5	.2	.0															48	49	79				
192/51	.2	.2																28	28	31				
200/49	.0	.2																13	13	16				
208/47		.0																2	2	8				
216/45		.0																1	1	3				
224/43																				5				
232/41																				3				
240/39																				6				
248/35																				1				
Element (X)	ΣX'		ΣX		Σ		Σ <sub>2</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 6 F		≤ 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

1111  
10011111

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI

**73-81**

AUG

STATION

STATION NAME

**YEARS**

**MONTH**

PAGE 1

0000-0200

**HOURS (L. S. T.)**

[illegible]



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION

73-81

AUG  
MONTH

PAGE 1 ~~0300-0500~~  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

72643      LA CROSSE MAP, WI

73-81

AUG

STATION

**STATION NAME**

YEARS

**MONTH**

PAGE 1

0600-0800

**STUDY-2740**  
**NEWS 11.5.14**

[illegible]



## PSYCHROMETRIC SUMMARY

73-81

**AUG**  
**MONTH**

PAGE 1 0900-1100  
HOURS (L. F. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI

73-81

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point				
94/ 93								.1	.2	.4		.1	.1	.1				9	9					
92/ 91						.2			.6	.5	.4							14	14					
90/ 89					.1	.1	.4	.9	.5	.5		.1	.2					23	23					
88/ 87				.1	.1	1.0	1.4	1.1	.6	.6	.7	.2						48	48					
86/ 85					1.0	1.1	1.1	1.1	.6	.5	.5	.1						49	49					
84/ 83			.1	.5	.7	1.5	1.5	.9	2.0	.5	.1							63	63					
82/ 81			.1	1.0	1.7	1.7	1.7	1.9	1.2	1.7								90	90	4				
80/ 79			.4	1.1	2.0	1.7	1.9	2.6	1.6	.2	.1							94	94	7	4			
78/ 77		.2	1.5	1.0	1.1	2.0	1.1	.6	1.4	.2	.4	.1	.1					79	79	33	3			
76/ 75		.9	.7	1.2	.7	1.4	1.2	1.5	1.2	.6								77	77	60	16			
74/ 73		1.1	1.2	.9	1.0	1.5	.7	1.5	.9	.1								72	72	93	39			
72/ 71	.2	1.4	1.2	.6	.9	.9	.6	1.1	.1	.1								58	58	90	60			
70/ 69	.5	.7	.5	.7	.9	.4	.4	.7	.1									40	40	89	80			
68/ 67	.7	1.0	.9	.6	.4	.4	.5	.5										40	40	109	81			
66/ 65	.2	.7	.2	.7		.1	.4											20	20	94	62			
64/ 63	.2	.5	.1	.4			.1											11	11	68	61			
62/ 61	.2	.6	.1	.2	.1													11	11	51	55			
60/ 59	.1	.6		.1														7	7	50	92			
58/ 57																				31	49			
56/ 55																				15	49			
54/ 53																				10	45			
52/ 51																					1	23		
50/ 49																						29		
48/ 47																						17		
46/ 45																						16		
44/ 43																						12		
42/ 41																						5		
40/ 39																						3		
38/ 37																						1		
36/ 35																						1		
34/ 33																						1		
32/ 29																						1		
TOTAL	2.4	7.8	7.2	9.3	10.6	14.0	13.0	14.5	11.2	6.1	2.2	.7	.5	.1				805	805		805			
Element (H)	2H		2H		X		Cg		No. Obs.		Mean No. of Hours with Temperature													
Ref. Num.	3200658		48664		60.5		17.942		805		± 0 F		± 32 F		± 67 F		± 75 F		± 80 F		± 92 F		Total	
Dry Bulb	4909676		62606		77.8		7.116		805						87.3		71.4		40.4		1.0		93	
Wet Bulb	3725010		54556		67.8		8.867		805						56.0		22.8		.8				93	
Dew Point	3137379		49809		61.9		8.306		805						.1		32.7		7.2				93	

FORM 0-34-S (OL A) REVERSE SURFACE OF THIS FORM ARE OBSOLETE

USAFETAC



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

AUG  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
67/ 95										.2				.1	.1			4	4				
47/ 93							.1		.1			.2		.1				5	5				
27/ 91					.2		.6	.6	.6		.4							20	20				
7/ 89					.1	.1	1.2	1.3	.9	.5	.1	.2		.2				39	39				
18/ 87					.1	.2	1.3	1.0	1.3	1.1	1.2			.1				53	53				
36/ 85			.1	.1	1.2	1.6	1.6	.9	.9	1.6	.6							70	71				
47/ 83				.5	1.8	1.6	1.3	1.3	.9	1.3	.2							74	74	2			
62/ 81			.1	.6	1.2	1.8	2.5	1.8	1.8	.7	.1							88	88	5	1		
77/ 79		.1	.1	.7	1.2	1.5	1.3	2.6	1.3	1.1								82	82	10	5		
77/ 77		.2	.9	1.5	.5	.9	2.3	1.5	1.8	.6	.2							85	85	43	9		
76/ 75		1.5	.9	1.6	1.2	.7	1.7	1.7	1.0	.6	.5							93	93	67	16		
74/ 73	.4	.7	.9	1.0	.5	1.0	1.0	1.3	.9	.1								63	63	98	57		
72/ 71	.2	.6	.6	.2	1.0	.4	.7	.5	.5	.1	.1							41	41	86	59		
70/ 69	.2	.5	.5	.6	.6	.1	.5	.5										29	29	81	73		
68/ 67	.4	.6	1.1	.2	.4	.1	.7											29	29	105	68		
66/ 65	.2	.7	.2	.7	.1		.2											19	19	88	73		
64/ 63		.6	.1	.6			.1											12	12	78	45		
62/ 61		.7		.2														8	8	59	57		
60/ 59		.2																2	2	44	80		
58/ 57																				32	67		
56/ 55																				12	51		
54/ 53																					40		
52/ 51																					32		
50/ 49																					30		
48/ 47																					17		
46/ 45																					19		
44/ 43																					12		
42/ 41																					3		
40/ 39																					1		
38/ 37																					2		
36/ 35																					3		
34/ 33																					1		
TOTAL	1.9	6.6	5.9	8.7	10.3	10.0	17.4	15.1	12.0	8.0	3.7	.5		.6	.1			816	817		816		
Element (X)	2 <sub>1</sub>		2 <sub>2</sub>		2 <sub>3</sub>		2 <sub>4</sub>		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	3013901		47445		58.2		17.536		816		≤ 6 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total
Dry Bulb	5133076		64508		79.0		6.976		817						88.3		77.1		45.9		1.0		93
Wet Bulb	3822784		58642		68.2		5.927		816						56.6		25.6		1.3				93
Dew Point	3185227		50507		61.5		6.512		816						32.3		9.3		.3				93

FORM 10-66 (10-1)

USAFETAC



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

**73-81**

YEARS

**AUG**  
**MONTH**

PAGE 1 1800-2000  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726432 LA CROSSE MAP, WI  
STATION STATION NAME

73-81  
YEARS

YEARS

AUG  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83			.4	.2	.2													7	7																
82/ 81				.7	.1													7	7																
81/ 79		.1	1.2	.7	.2	.2												21	21	3	1														
79/ 77		.6	2.7	1.7	.7	.2												49	49	7	2														
76/ 75		1.1	2.5	1.2	1.8	.4	.2											59	59	29	14														
74/ 73	.2	2.9	2.7	1.6	.6	.2												68	68	45	36														
72/ 71	.7	4.8	2.0	1.0	.7			.1										76	76	75	50														
70/ 69	1.8	3.4	3.3	2.7	.9	.2	.1											102	102	98	92														
68/ 67	1.1	2.7	3.7	1.2	.9	.1												79	79	72	70														
66/ 65	2.0	2.8	2.8	2.2	.1	.4												84	85	88	82														
64/ 63	1.0	4.3	.9	1.5	.6													67	67	95	76														
62/ 61	1.6	2.9	1.7	.7	.1	.1												59	59	79	85														
60/ 59	.4	4.2	1.3	.9	.2													57	57	67	79														
58/ 57	.5	2.0	.9	.5	.1													32	32	57	66														
56/ 55	.9	1.8	.2	.5														28	28	48	49														
54/ 53	.4	.6	.6															13	13	25	47														
52/ 51	.2	.2																4	4	16	23														
50/ 49	.1		.1															2	2	9	20														
48/ 47	.2																	2	2	3	8														
46/ 45																					16														
TOTAL	11.2	34.6	27.0	17.4	7.5	2.0	.4	.1										816	817	816	816														

USAFETAC FORM 0-26-5 (OL A) REVERSED REVISIONS OF THIS FORM ARE OBSOLETE







## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

**AUG**  
**MONTH**

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

73-81

SEP  
MONTH

PAGE 1

0000-0200  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

SEE  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

SEP  
MONTH

PAGE 1 0600-0800  
MOVIES (L-S-T)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72643  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81

YEARS

SEP  
MONTH

PAGE 1

0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point									
1/ 89								.3										2	2											
8/ 87							.5											4	4											
6/ 85						.3	.1		.1									4	4											
4/ 83						.4		.3		.1								6	6											
2/ 81				.3	.3	.1	.1	.1										7	7											
1/ 79				.3	.3	.5	.3		.1									11	11											
7/ 77				.1	.6	.4	.3	.3	.3									15	15		1									
6/ 75		.5	.1	.8	.9	.6	.3	.5										29	29		9									
4/ 73		.3		1.3	.4	1.0	.4	.3										28	28	16	3									
2/ 71	.1	.6	1.3	1.0	1.1	.4	.8	.4										43	43	14	15									
1/ 69		.3	1.6	1.3	1.4	1.5	1.7	.3		.1								59	59	25	14									
6/ 67		.3	1.3	1.3	1.0	.8	.8											40	40	28	19									
6/ 65	.4	1.3	2.1	2.0	1.6	1.4	.5											74	74	40	31									
4/ 63	.3	1.9	1.3	3.2	1.3	.9	.3											71	71	53	31									
2/ 61	.6	1.6	1.9	1.5	2.4	1.5												72	72	68	41									
1/ 59	.6	2.5	2.0	2.5	2.4	1.0	.3											90	90	84	59									
5/ 57	.8	1.0	1.8	1.9	1.5	.1												56	56	96	61									
5/ 55	.6	1.0	2.4	1.9	1.1	.4												59	59	70	74									
4/ 53	.3	1.3	1.8	.8	.8		.1											39	39	83	53									
2/ 51	.3	1.0	1.3	.8	.4													29	29	66	62									
5/ 49	.5	1.0	.4	.6	.1	.1												22	22	56	83									
4/ 47	.1	.6	.1	.5	.1													12	12	32	69									
4/ 45	.4	.3	.4	.1		.3												11	11	22	74									
4/ 43			.1	.1														2	2	10	26									
2/ 41	.3	.1	.1	.3														6	6	8	23									
4/ 39	.1																	1	1	5	22									
3/ 37																				2	10									
3/ 35																				4	9									
3/ 33																					4									
2/ 31																					1									
1/ 29																					1									
2/ 27																					3									
2/ 25																					2									
2/ 23																					2									
Element (X)	Σ X'					Σ X					Σ					Σ					Σ					Σ				
Rel. Hum.																														
Dry Bulb																														
Wet Bulb																														
Dew Point																														

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

73-81

YEARS

SEP  
MONTH

PAGE 2 0900-1100  
HOURS (L. S. T.)

[illegible]

0-26-5 (O.L.A.)

**USAFETAC**



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP. WI  
STATION      STATION NAME

73-81

YEARS

**SEP**  
**MONTH**

PAGE 1 1200-1400  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI

**73-81**

SEF

STATION

STATION NAME

**YEARS**

**MONTH**

PAGE 2

1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B./W.S.	Dry Bulb	Wet Bulb	Dew Point
7 / 29																					3
26 / 27																					2
26 / 25																					4
24 / 23																					3
TOTAL	1.5	7.8	6.3	12.2	14.4	16.9	15.2	13.7	7.3	2.5	1.1	.6	.3	.3				797	798	797	797



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72643 LA CROSSE MAP, WI STATION NAME

73-81

YEARS

SEP  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
10/ 99											.1	.1									2	2										
8/ 97											.3			.1							3	3										
6/ 95											.1	.1									2	2										
4/ 93											.1	.3									3	3										
2/ 91						.1		.1		.5	.3	.1		.1	.1						6	6										
0/ 89					.1	.1			.5	.9		.3			.3						11	11										
8/ 87							.5	.1			.1		.4		.3						10	10										
6/ 85							.4	.3			.4	.1	.1	.4							13	13										
4/ 83				.1	.3	.4	.5	.1	.8	.3				.3							21	21										
2/ 81				.1	.4	.3	.6	.4	.5					.3							20	20		3								
0/ 79			.1	.1	.9	.9	.3	.8	1.0	.6		.1									38	38	1	1								
7- / 77		.5	.5	1.5	.5	.9	.5	1.9	1.0	.1	.4										58	58	15	2								
6/ 75		.8	.9	1.5	1.8	.9	.6	1.3	.3	.3											65	65	19	1								
4/ 73		.3	.6	.5	1.5	.8	1.5	1.0	.1	.1											51	51	24	3								
2/ 71		.1	.4	.3	1.1	1.6	1.5	.8	.6	.1											52	52	22	21								
0/ 69		.3	.4	.9	1.0	1.0	2.0	2.4	.8												65	65	43	27								
6/ 67		.4	.4	1.3	1.7	1.1	1.4	1.4	.5		.3										58	58	38	26								
4/ 65	.1	.1	1.0	1.8	.8	1.3	1.9	1.5	.3	.1											70	71	51	29								
2/ 63		1.4	.9	.9	.4	1.5	1.5	.9													59	59	56	25								
0/ 61		.6	.8	.9	.5	1.6	1.3	.4													48	48	82	16								
7- / 59	.5	1.5	1.3	1.4	1.5	1.1	.1	.4	.1												63	63	102	78								
5- / 57		.5	.1	.9	.6	.1	.3	.3													22	22	68	68								
3/ 55		.4	.4	.5	.5	.3	.1														17	17	65	57								
0/ 53		.3	.3	.1	.1																8	8	71	33								
7- / 51		.5	.4			.3	.3														11	11	56	44								
5 / 49			.4		.1	.3															6	6	43	75								
4- / 47		.4		.1																	4	4	11	47								
4- / 45		.3	.1	.1																	4	4	11	68								
4- / 43																								46								
4- / 41																								35								
4- / 39																								32								
3- / 37																								21								
3- / 35																								12								
3- / 33																								5								
Element (K)	Σ <sub>1</sub> <sup>2</sup>		Σ <sub>2</sub>		Σ		Σ <sub>n</sub>		No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.											≤ 6 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																
Wet Bulb																																
Dew Point																																

USAFETAC FORM 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

726430                      LA CROSSE MAP, WI  
STATION                      STATION NAME

73-81

**YEAR 21**

SEP  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

SEP  
MONTH

PAGE 1 1600-2000  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726437      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

SEP  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
TOTAL	1.9	18.4	21.8	19.2	16.0	11.5	6.2	2.8	1.4	.6	.1	.1							793	794	793			

ALTERNATE THE WAY THAT TO PREVENT FROM THE DAMAGE

**0-26-5 (OL A)**

USAFETAC FORM 22-62



## PSYCHROMETRIC SUMMARY

YEARS

SEP  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

72643      LA CROSSE MAP, WI  
STATION      STATION

73-81

SEP  
MONTH

PAGE 1

ALL

ALL  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430                      LA CROSSE MAP, WI  
STATION                      STATION NAME

73-81

YEARS

SEP  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726420 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

OCT  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
42 / 73					.1													1	1						
42 / 71			.4	.1	.2		.1											7	7						
42 / 69			.2		.4	.1	.1											7	7						
42 / 67			.1															1	1	3					
46 / 65			.4	.1														4	4	4					
44 / 63		.1		.1		.1												3	3	6					
42 / 61	.4	.7	.5	.4	.4	.2												21	21	12					
42 / 59	.9	1.8	.7	.6	1.0	.1												42	42	16					
42 / 57	.2	1.0	.9	1.0	.4	.2		.2										32	32	22					
46 / 55	.6	1.0	.2	.7	.4	.2												26	26	22					
42 / 53	.7	1.5	1.2	.5	.5		.1											37	37	37					
42 / 51	.4	1.6	1.4	.7	.9	.1	.1											42	42	29					
52 / 49	1.0	1.6	2.0	1.5	1.0													57	57	52					
42 / 47	1.5	3.9	2.5	1.8	1.0													87	87	47					
42 / 45	.4	2.2	2.5	1.6	.6													59	59	62					
44 / 43	1.0	2.3	3.3	1.4	.2													67	67	75					
42 / 41	1.0	2.7	1.8	2.0														61	61	67					
42 / 39	.9	2.5	1.6	.9														47	47	68					
32 / 37	.5	3.1	1.6															42	42	58					
42 / 35	1.6	2.6	1.5	.1														47	48	69					
32 / 33	1.4	3.1	1.5	.4														51	51	49					
42 / 31	1.0	1.5	.6															25	25	41					
42 / 29	.6	.6	.1															11	11	29					
42 / 27	1.2	.6	.4															18	18	19					
42 / 25	.5	.5	.1															9	9	11					
42 / 23		.2																2	2	6					
42 / 21	.1	.1																2	2	3					
42 / 19	.4	.1																4	4	5					
12 / 17																				6					
16 / 15																				2					
14 / 13																				2					
TOTAL	16.1	35.5	25.5	13.9	7.0	1.2	.5	.2										812	913	812					
Element (X)	ΣX'		ΣX		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature					Total									
Rel. Hum.	5332694		64732		79.7		14.576		812		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	1739043		36741		45.2		9.842		813			8.1	1.8	.1			93								
Wet Bulb	1524444		34386		42.3		9.176		812			13.1	.3				93								
Dew Point	1310127		31573		38.9		10.084		812			27.8	.2				93								



## PSYCHROMETRIC SUMMARY

YEARS

Q C I  
MONTH

PAGE 1 2300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
72 / 71			.1		.1													2	2																
71 / 69		.2	.4	.1	.5		.1											11	11																
69 / 67				.2		.4												5	5	3	3														
66 / 65			.2															2	2	3															
64 / 63		.4	.2															5	5	8	3														
62 / 61	.6	.6	.1															11	11	13	5														
59 / 59	.2	1.6	.1	.4														19	19	11	21														
57 / 57	.5	1.2	.6	1.1	.4													31	31	21	17														
55 / 55	.6	1.0	.9	1.0	.1													29	29	18	12														
54 / 53	.6	1.8	1.3	.2	.4													36	36	25	20														
52 / 51	.2	1.8	1.5	1.6	.4		.1											46	46	29	20														
50 / 49	.7	1.8	1.9	1.9	.2	.1												56	56	47	30														
48 / 47	.5	2.3	1.7	1.1	.2	.4												51	51	37	38														
46 / 45	1.6	3.3	1.3	1.7	.4													68	68	66	52														
44 / 43	.9	3.4	3.0	1.3		.1												72	72	74	44														
42 / 41	1.3	2.9	1.9	1.7														65	65	51	46														
40 / 39	.9	2.2	1.6	.6														43	43	76	65														
38 / 37	1.6	3.6	2.3	.4														65	65	67	58														
36 / 35	2.1	3.2	1.3															54	54	72	61														
34 / 33	1.7	1.7	1.3															39	39	62	68														
32 / 31	2.1	3.2	.4															46	46	38	79														
30 / 29	1.2	.6	.5															19	19	43	47														
28 / 27	.7	.9	.2															15	15	16	41														
26 / 25	1.3	1.2																21	21	26	41														
24 / 23		.1																1	1	5	16														
22 / 21	.4	.1																4	4	5	14														
20 / 19	.4	.4																6	6	4	13														
18 / 17																				2	5														
16 / 15																					1														
14 / 13																					2														
TOTAL	20.1	39.5	23.1	13.4	2.8	1.0	.1											822	822	822	822														
Element (X)	Σ X <sup>2</sup>		Σ X		X		X <sup>2</sup>		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	5719496		67646		82.3		13.634		822		≤ 6 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb	1644761		35851		43.6		9.942		822				12.7		2.0								93												
Wet Bulb	1466782		33864		41.2		9.344		822				15.7		.3								93												
Dew Point	1284484		31426		38.2		10.057		822				29.3		.3								93												

USAFETAC FORM 0-26-5 (Q LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

72643      LA CROSSE MAP, WI

73-81

251

STATION

STATION NAME

YEARS

**MONTH**

PAGE 1

0600-2800

**NOV 15 1964**

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
1 / 69		.4	.1	.2	.2													6	8					
6 / 67		.1	.1	.2		.1												5	5	3	3			
6 / 65	.1	.1	.2	.1														5	5	4	2			
4 / 63		.4	.2															5	5	6	2			
2 / 61	.6	.9																12	12	13	8			
1 / 59	.6	1.0	.1	.1	.1													16	16	17	18			
1 / 57		1.3	.5	.2	.1	.1												19	19	9	14			
5 / 55	.6	1.1	1.3	.7	.5	.1												36	36	16	15			
4 / 53	1.3	1.5	1.1	1.2	.1	.1												44	44	32	21			
2 / 51	.4	1.2	3.2	.5	1.1	.1												53	53	22	13			
5 / 49	.5	1.8	1.7	.7	.2													41	41	43	29			
4 / 47	.9	2.2	1.9	1.7	.1													56	56	59	33			
4 / 45	1.2	2.2	2.7	1.3	.6													66	66	55	50			
4 / 43	1.0	2.7	3.3	1.5	.1													70	70	52	52			
2 / 41	1.5	2.6	1.8	1.1	.2													59	59	79	46			
4 / 39	1.7	2.9	2.6	.1														60	60	68	59			
3 / 37	1.9	2.4	2.6	.1														58	58	74	60			
1 / 35	3.3	1.8	1.1	.1														52	52	73	84			
3 / 33	1.8	2.2	.7															39	39	51	60			
2 / 31	1.7	2.3	1.2															43	43	42	68			
1 / 29	1.9	1.9	.5															36	36	48	51			
1 / 27	.7	.9	.1															14	14	22	48			
1 / 25	.5	1.0																12	12	17	32			
2 / 23	.2	.2																4	4	8	22			
2 / 21	.4	.1																4	4	3	12			
1 / 19	.2	.1																3	3	3	13			
1 / 17		.1																1	1	1	3			
1 / 15																				1	1			
1 / 13																					1			
1 / 11																					1			
TOTAL	27.1	35.4	27.2	10.1	3.5	.6												821	821	821	821			

Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5757399	67873	82.7	13.355	821	≤ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1626640	35668	43.4	9.692	821		13.3	1.5				93
Wet Bulb	1457173	33757	41.1	9.186	821		16.4	.3				93
Dew Point	1279851	31379	38.2	9.929	821		28.5	.3				93



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI

73-81

OCT

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
79							.1											1													1					
77							.2											2													2					
75				.1	.2	.1												4													4					
73			.2	.1		.1		.1										5													5					
71		.1	.2		.2	.1												6													6					
69			.2	.1	.5		.2											9													9	7				
67			.5	.1	.1	.6	.5	.2	.1									18													18	5	5			
65		.1	.5	.1	.2	.6	.2	.1										16													16	5	4			
63		.7	.5	.6	.7	.9	.4	.1										32													32	10	3			
61	.4	.5	.5	.4	1.3	.7	.2	.4										36													36	17	11			
59	.2	.7	.1	1.2	1.2	1.1	.4	.2										43													43	19	17			
57	.1	.9	1.3	.5	1.2	.7	.7											45													45	23	20			
55	.2	.7	.9	1.3	1.7	1.5	.2											54													54	38	17			
53	.7	.4	1.3	2.1	1.3	1.1	.4											60													60	46	16			
51	1.0	1.2	1.3	1.8	2.3	.4	.1											64													64	47	24			
49	.2	1.1	2.3	2.0	1.7	1.1												69													69	65	41			
47	.6	1.3	1.6	2.1	2.4	.4												69													69	66	41			
45	.5	2.0	2.7	2.7	1.2													79													79	80	53			
43	.7	1.8	1.2	2.1		.1												49													49	83	67			
41	.6	.6	1.5	1.8	.5													41													41	73	51			
39	.4	1.0	1.0	1.5	.2													40													40	65	62			
37	.7	1.0	.9	.9														28													28	59	65			
35	.4	.6	.9	.6														20													20	31	63			
33	.4	.7	.9	.4														19													19	32	52			
31	.4	.1	.9															11													11	24	77			
29		.1	.1															2													2	14	37			
27	.1																	1													1	8	27			
25		.1																1													1	1	27			
23																																		1	10	
21																																			15	
19																																			11	
17																																			3	
TOTAL	7.7	15.9	22.3	22.5	17.0	9.5	3.8	1.2	.1									819													821		819			
Element (X)	ΣX'			ΣX			X			σ <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.	4096242			56296			68.7			16.644			819			± 0 F					± 32 F			± 67 F			± 73 F			± 80 F			± 93 F			Total
Dry Bulb	2173151			41515			50.6			9.492			821								1.7			5.1			1.4			.1						93
Wet Bulb	1758882			37306			45.6			8.534			819								5.5			1.4												93
Dew Point	1388887			32713			39.9			9.998			819								23.5			.6												93

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81  
YEARS

OCT  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																
1 / 89																																	1	1		
8 / 87																																	1	1		
4 / 83																																	2	2		
2 / 81																																	2	2		
1 / 79																																	6	6		
7 / 77																																	15	15		
6 / 75																																	15	15		
4 / 73																																	26	26		
2 / 71																																	22	22	5	
1 / 69																																	13	13	7	
6 / 67																																	28	28	6	6
6 / 65																																	44	44	7	5
4 / 63																																	50	50	22	2
2 / 61																																	52	52	29	14
1 / 59																																	60	60	41	15
5 / 57																																	56	56	32	26
5 / 55																																	65	65	52	14
4 / 53																																	52	52	57	33
2 / 51																																	61	61	54	36
5 / 49																																	59	59	64	25
4 / 47																																	48	48	66	31
4 / 45																																	38	38	97	53
4 / 43																																	21	21	83	53
2 / 41																																	27	27	46	45
4 / 39																																	18	18	43	82
3 / 37																																	14	14	31	46
3 / 35																																	8	8	25	51
3 / 33																																	3	3	22	54
2 / 31																																	5	5	17	79
1 / 29																																			3	33
26 / 27																																			3	31
26 / 25																																				29
24 / 23																																				15
2 / 21																																				11
Element (X)	Σ <sub>1</sub>			Σ <sub>2</sub>			Σ			Σ <sub>2</sub>			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 6 F			≤ 32 F			≤ 67 F			≤ 73 F			≤ 80 F			≤ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

FORM 0-26-5 (O.L.A.) REVERSED MIRROR EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC



## PSYCHROMETRIC SUMMARY

73-81

YEARS

QCI  
MONTH

PAGE 2 1230-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 17																					10
/ 17																					10
/ 15																					2
/ 13																					1
TOTAL	3.0	8.3	11.0	12.2	19.0	18.1	13.7	8.1	4.9	1.4	.2		.1	.1					812	812	812



## PSYCHROMETRIC SUMMARY

726432      LA CROSSE MAP, WI  
STATION      STATION

73-81

OCT  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
91																.2		2	2					
87												.1						1	1					
83								.2			.1							3	3					
81							.1				.1							2	2					
79						.2			.1	.1	.2							6	6					
77					.1	.2	.1	.2	.1	.9								14	14					
75				.2	.4			.5	1.0	.4	.1							21	21					
73				.5	.2	.5	.5	.6	.5	.1	.2							26	26					
71				.1	.7		.1	.6	.4	.2	.2							20	20	3				
69				.1	.2	.1	.5	.4	.5									15	15	6				
67				.6	.4	.5	1.3	1.1	.1									33	33	8				
65			.2	1.1	.9	.2	.5	.7	.1	.2								33	33	7				
63		.6	.4	.2	.2	.7	1.3	1.1	.5	.2								44	45	21				
61	.6	.2	.4	.1	.5	1.8	2.0	.9	.5									57	57	32				
59	.5	.2	.5	.7	.6	2.3	2.1	1.5	.1									70	70	48				
57	.2	1.3	.6	.2	.9	1.5	1.8	1.0										62	62	31				
55	.5	.7	.6	.9	1.5	1.5	1.6	.5										63	63	50				
53	.1	.7	.7	.6	1.3	1.2	1.2	.2										51	51	44				
51		.2	1.1	1.1	1.6	2.1	.5											54	54	57				
49			.6	1.8	2.1	2.3	.1	.1										58	58	66				
47	.2	.7	1.1	1.3	1.2	.9	.1											46	46	73				
45	.1	1.0	.5	1.1	1.0	.6												35	35	73				
43	.4	.2	.1	.6	.5	.7												21	21	96				
41	.2	.4	.7	.7	.2	.4												22	22	57				
39	.1	.5	.7	.5	.5	.2												21	21	42				
37	.4	.5	.2	.6	.5													18	18	31				
35	.2	.2	.5	.1														9	9	27				
33		.2	.1															3	3	14				
31	.2		.2	.1														5	5	23				
29																				3				
27																				2				
25																				1				
23																								
21																								
Element (X)	Σ H'		Σ H		Σ	Σ	No. Obs.				Mean No. of Hours with Temperature													
Rel. Hum.											≤ 6 F	≤ 22 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

**YEARS**

OCT  
MONTH

PAGE 2 1500-1700  
HOURS (1-5-7)

[illegible]



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION

73-81

150

STATION

**STATION NAME**

**YEARS**

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

**YEARS**

OC1  
MONTH

PAGE 2

1800-2000  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

OCT  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
74/ 73				.4	.1	.1		.4										8	8					
72/ 71			.1	.1														2	2					
70/ 69			.5		.1	.1	.1											7	7					
68/ 67	.1			.1	.1	.1	.4											7	7	8				
66/ 65	.2		.2	.2	.1	.1												8	8	6				
64/ 63	.1	.7	.2	.1	.5	.4	.2			.1								20	20	5				
62/ 61		1.2	.2	.6	.2	.7	.1		.1									27	27	16				
60/ 59	.2	1.1	.6	.7	.5	.2		.1										29	29	18				
58/ 57	.4	.6	.6	.6	.6	.4												26	26	13				
56/ 55	1.1	1.3	.9	.7	.5	.2	.1											40	40	34				
54/ 53	.2	1.5	1.3	.9	1.2	.2												44	44	36				
52/ 51	.9	1.2	1.7	.5	1.2	.9												52	52	39				
50/ 49	.7	1.1	2.9	2.4	.9	.5												70	70	48				
48/ 47	.6	3.1	2.4	1.5	1.1	.1												72	72	49				
46/ 45	.5	2.9	2.3	2.7	1.1													78	79	69				
44/ 43	.9	2.3	3.4	2.1	.1													72	72	84				
42/ 41	.5	1.6	2.9	1.2	.1													52	52	76				
40/ 39	.1	2.4	2.6	.9														49	50	68				
38/ 37	.2	2.6	1.0	.6														36	36	76				
36/ 35	.4	2.0	1.1	.4														31	31	44				
34/ 33	.6	2.2	1.3	.5														38	38	41				
32/ 31	.2	1.5	1.0	.2														24	24	30				
30/ 29	.4	.1	.4	.1														8	8	26				
28/ 27	.9	.5																11	11	17				
26/ 25		.4	.1															4	4	8				
24/ 23		.1																1	1	4				
22/ 21		.2																2	2	1				
20/ 19																				2				
18/ 17																								
16/ 15																								
14/ 13																								
TOTAL	9.330	728.0	17.6	8.6	4.2	1.0	.5	.1	.1									816	820	818				
																		816	818					
Element (X)	ΣX <sup>2</sup>		ΣX		X	ΣX		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.	4850383		61731		75.5	15.322		816		± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total								
Dry Bulb	1889333		38553		47.0	9.679		820			5.7	2.7	.9			93								
Wet Bulb	1606437		35503		43.4	8.956		818			10.0	.9				93								
Dew Point	1337794		32028		39.2	10.126		818			26.4	.1				93								



## PSYCHROMETRIC SUMMARY

**YEARS**

OCT  
MONTH

ALL  
HOURS (L. S. T.)

Temp. (F.)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
1/ 91																			2	2																
1/ 89																			1	1																
8/ 87																			2	2																
4/ 83																			5	5																
1/ 81																			4	4																
1/ 79																			14	14																
7/ 77																			32	32																
6/ 75																			45	45																
4/ 73																			76	76																
1/ 71																			67	67																
1/ 69																			80	80	24															
1/ 67																			116	116	40	29														
6/ 65																			139	139	43	25														
4/ 63																			177	178	89	27														
1/ 61																			243	243	154	82														
1/ 59																			315	315	183	138														
1/ 57																			312	312	183	135														
5/ 55																			375	375	270	144														
4/ 53																			388	388	324	182														
2/ 51																			429	430	313	191														
5/ 49																			477	477	441	268														
4/ 47																			503	503	452	294														
4/ 45																			502	503	584	412														
4/ 43																			420	420	639	405														
2/ 41																			362	362	522	393														
4/ 39																			315	316	499	476														
3/ 37																			288	288	454	489														
3/ 35																			241	243	375	517														
3/ 33																			215	215	299	452														
2/ 31																			172	172	241	611														
1/ 29																			80	80	184	335														
2/ 27																			60	60	93	323														
1/ 25																			48	48	69	260														
24/ 23																			8	8	26	90														
Element (X)	Σ X'			Σ X			Σ			Σ X			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.																≤ 6 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION

73-81

OCI  
MONTH

YEARS

PAGE 2

ALL

ALL  
HOURS (L, S, T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI STATION NAME

73-81

YEARS

NOV  
MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
59		.8																6	6																
57		.5																5	5		7														
55	.1	.4		.4	.9													14	14		4														
53	.8	.6		.4														14	14		11														
51	.4	.3	.1		.1													7	7		13														
49	1.0	.8	.9	1.4	.3													34	34		17														
47	1.1	.8	.5	.8		.3												27	27		19														
45	.5	.3	1.3	.5	.1													21	21		19														
43	.9	1.9	1.0	.1	.3													33	33		27														
41	.8	2.8	.9	.3			.1											38	38		41														
39	.4	1.6	1.5	.3		.1												31	32		30														
37	2.2	2.8	.4		.3													43	43		51														
35	2.1	2.0	2.3	1.0	.1													60	60		48														
33	1.9	3.2	1.8	.3														56	56		46														
31	1.5	3.9	3.4	.3														72	72		59														
29	2.6	3.0	2.6	.4														69	69		75														
27	2.6	4.2	1.1															63	63		72														
25	.9	2.9	.9															37	37		57														
23	1.1	2.5	.5															33	33		47														
21	1.8	1.9	.8															35	35		37														
19	1.6	2.3	.6															36	36		37														
17	.9	1.9	.3															24	24		30														
15	.5	.9	.1															12	12		17														
13	.1	.1																2	2		7														
11	.3	.4	.1															6	6		4														
9		.1																1	1		2														
7																					2														
5	.1	.1																2	2		2														
3	.1	.5																5	5		4														
1		.1																1	1		2														
-1	.6																	5	5		5														
-3	.1																	1	1		1														
-5																																			
-7																																			
Element (X)	Σ X²					Σ X					Σ					Σ²					No. Obs.					Mean No. of Hours with Temperature									
Ref. Num.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			



## PSYCHROMETRIC SUMMARY

NOV  
MONTH

PAGE 2 0000-0200  
HOURS (L. S. T.)

[illegible]

**USAFETAC** FORM 0-26-5 (OL A)  
JAN 64  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

726432      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

**YEARS**

NOV  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
1 / 59		.6		.4														8	8				
5 / 57	.3	.1	.1															4	4	8	5		
5 / 55			.4	.3														5	5	1	3		
4 / 53	.4		.3	.1														6	6	6	3		
2 / 51	.8	.6	.3															13	13	10	7		
5 / 49	1.3	.1	.3	.3														15	15	19	20		
3 / 47	.1	1.5	.5	.8														23	23	5	4		
4 / 45	.9	.9	1.3															24	24	24	21		
4 / 43	1.1	2.9	1.9		.4													50	50	31	19		
2 / 41	.5	2.3	.4	.5														29	30	47	17		
6 / 39	.8	2.0	.6	.6														32	32	29	36		
3 / 37	1.8	1.4	.5			.1												30	30	32	36		
1 / 35	3.9	2.3	.9	.4	.5													63	63	60	54		
3 / 33	2.3	3.3	1.3	.4														57	57	43	40		
2 / 31	1.9	4.0	2.3	.3														67	68	56	46		
1 / 29	2.9	1.5	2.6															56	56	63	43		
2 / 27	4.4	3.4	1.6															75	75	71	59		
2 / 25	2.6	2.9	.6															49	49	76	48		
2 / 23	.8	1.8	.1															21	21	35	40		
2 / 21	1.9	2.5	.8															41	41	32	43		
2 / 19	2.9	3.6	.4															55	55	49	56		
1 / 17	1.5	2.0																28	28	45	50		
1 / 15	.9	1.1																16	16	22	31		
1 / 13		.5																4	4	5	35		
1 / 11	.5	.1																5	5	9	22		
1 / 9		.4																3	3		18		
1 / 7	.1																	1	1	4	9		
1 / 5																					11		
1 / 3	.3																	2	2	2	1		
1 / 1	.3	.4																5	5	5	2		
1 / -1	.6																						
1 / -3																					2		
1 / -5	.1																	1	1	1	11		
1 / -7	.3																	2	2	2			
Element (X)	Σ X <sup>2</sup>			Σ X			X̄			σ <sub>x</sub>			No. Obs.			Mean No. of Hours with Temperature							
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																							
Wet Bulb																							
Dew Point																							



## PSYCHROMETRIC SUMMARY

73-81

NOV  
MONTH

PAGE 2 2300-0500  
HOURS (L. S. T.)

[illegible]

**JSAFETAC**  
FORM  
JUL 64  
**0-26-5 (OL A)**  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72643. LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

NOV  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					Dry Bulb	Wet Bulb	Dew Point		
4/ 53					.1																1	1				
2/ 61					.1																1	1				
1/ 59		.1	.3	.1																	4	4				
2/ 57	.3	.6	.1																		8	8	8	5		
5/ 55		.1		.1																	2	2	6	2		
4/ 53	.5			.3																	4	4	3	4		
1/ 51	1.3	.5																			12	12	8	11		
5/ 49	1.3	1.2	.3	.1																	20	20	17	16		
4/ 47	.4	1.5	.8	.1																	22	22	12	11		
4/ 45	.5	1.4	.4	.4																	21	21	19	12		
4/ 43	1.5	2.7	.5	.1																	38	38	32	29		
2/ 41	.6	2.0	.9	.5	.1																33	33	31	17		
4/ 39	.8	1.9	.8	.8																	33	33	32	30		
2/ 37	2.3	1.4	.4																		32	32	39	35		
1/ 35	2.7	3.9	.8	.6	.1																64	64	43	52		
3/ 33	2.8	2.7	1.9	.3	.1																61	61	62	36		
2/ 31	1.9	4.8	1.8	.5																	71	71	57	51		
1/ 29	1.5	2.8	2.8																		50	50	52	42		
2/ 27	3.5	3.5	.9																		63	63	71	48		
1/ 25	2.1	3.9	.6																		52	52	72	56		
2/ 23	1.3	1.4	.4																		22	22	42	33		
2/ 21	1.9	2.3	.4																		36	36	27	47		
1/ 19	3.9	3.3	.3																		59	59	53	67		
1/ 17	1.4	1.9																			26	26	38	38		
1/ 15	1.1	1.1																			18	18	25	40		
14/ 13	.3	.9																			9	9	6	30		
1/ 11	.3	.6																			7	7	11	21		
1/ 9	.3	.3																			4	4	5	14		
1/ 7	.3																				2	2	4	9		
1/ 5																								8		
4/ 3	.1																				1	1	1	6		
1/ 1	.6																				5	5	5	2		
1/ -1	.4																				3	3	3	2		
1/ -3	.4																				3	3	3	6		
Element (X)	Σ X <sup>2</sup>		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										



## PSYCHROMETRIC SUMMARY

726430                      LA CROSSE MAP, WI  
STATION                      STATION NAME

73-41

**YEARS**

NOV  
MONTH

PAGE 2

0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-1/-5	.3																	2	2	2	2		
-1/-7	.1																	1	1	1	1		
-1/-9																					2		
-1/-17																					3		
TOTAL	35.4	46.3	13.7	3.9	.6													790	790	790	790		



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

NOV  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
6 / 65						.1												1	1								
5 / 61					.1	.1												2	2								
4 / 59	.1	.3	.3		.1	.1												7	7	1	1						
3 / 57	.3	.4	.3	.5	.1		.1											13	13	6	5						
5 / 55	.1	.3	.3	.5	.5	.1		.1										15	15	7	2						
4 / 53	.5	.5	.4	.4	.6		.3											21	21	11	9						
2 / 51	.3	.5	.5	1.0	.4													21	21	13	6						
5 / 49	1.4	.5	.9	.5	.3	.1												29	29	24	20						
4 / 47	1.1	1.3	.6	.6	.5													33	33	29	15						
4 / 45	.6	.6	1.1	1.5	1.0													39	39	31	22						
4 / 43	.9	1.6	.9	.9	.5													38	38	30	23						
2 / 41	.5	2.3	1.0	.9	.3													39	39	41	25						
4 / 39	1.9	1.4	2.1	.9	.4													53	53	52	46						
3 / 37	1.5	2.3	1.4	1.1	.1													51	51	48	42						
7 / 35	1.4	3.8	2.6	1.1	.1													72	72	58	43						
34 / 33	.6	1.9	2.6	.9														48	48	58	23						
2 / 31	1.1	2.6	3.9	.8														64	64	52	66						
7 / 29	1.5	2.0	2.9	.1														52	52	70	51						
24 / 27	1.1	2.1	2.0	.3														44	44	59	51						
5 / 25	.6	2.6	1.5															38	38	48	52						
24 / 23	.5	1.8	1.3															28	28	41	23						
2 / 21	.6	1.9	1.0															28	28	33	45						
7 / 19	.8	1.8	.5															24	24	31	60						
14 / 17		.6																5	5	17	49						
16 / 15	.1	.5																5	5	6	25						
14 / 13		.8																6	6	9	23						
1 / 11		.5																4	4	6	12						
1 / 9		.5																4	4	5	16						
4 / 7		.4																3	3	3	12						
5 / 5		.4																3	3	6	2						
4 / 3		.3																2	2	1	4						
7 / 1		.4																3	3	3	9						
7 / -1																				1	2						
22 / -3	.1																	1	1	1	5						
Element (X)	Σ X'		Σ X		X	Σ X		No. Obs.		Mean No. of Hours with Temperature											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.																											
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

72643                      LA CROSSE MAP, WI  
STATION                      STATION NAME

73-81

**YEARS**

NOV  
1967

PAGE 2

0900-1100  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
- / -5																					4	
- / -11																					1	
-1 / -13																					1	
-1 / -15																					1	
TOTAL	17.6	36.7	27.6	11.9	5.0	.6	.4	.1											796	796	796	



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFS WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72643- LA CROSSE MAP, WI  
STATION STATION NAME

73-81  
YEARS

NOV  
MONTH

PAGE 1 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
4/ 73								.3										2	2									
7/ 69					.1		.1											2	2									
6/ 67							.1	.1										2	2									
6/ 65							.3	.1	.3									6	6									
4/ 63			.1	.1	.1	.5	.4		.3									12	13	1								
2/ 61			.1	.1	.1	.1	.5	.3										10	10									
1/ 59		1.0	.3	.5	.5	1.2	.4	.1										31	31	6	3							
5/ 57		.3	.5	.4	.5	1.0	.3	.1	.1									25	25	9	4							
5/ 55		.1	.5	.1	1.3	.3	.3	.1	.3									23	23	15	6							
4/ 53	.3	.3	.3	.9	.6	.5	.4											25	25	21	7							
2/ 51	.3	.5	.1	1.0	.6	.6	.1											26	26	15	9							
5/ 49	.4	.6	.3	1.8	1.7	1.0	.3	.1										48	48	32	19							
4/ 47	.4	.8	.6	.9	1.7	.8	.1											41	41	42	18							
4/ 45	.5	.3	.5	1.3	1.0	.8												34	34	28	16							
4/ 43	.4	1.0	.4	1.4	.8	.5												35	35	37	19							
2/ 41	.5	1.2	1.3	1.0	.4	.1												35	35	49	27							
4/ 39	.8	1.2	1.5	.6	.5													36	36	52	36							
3/ 37	1.2	1.3	1.4	1.1	.8													60	60	56	42							
2/ 35	1.4	1.4	2.8	2.8	.1	.1												68	68	50	48							
3/ 33	.1	1.4	4.2	1.9														60	60	35	36							
2/ 31	1.3	2.2	3.1	1.9	.4													69	69	83	68							
2/ 29	.1	.6	1.9	.9	.1													29	29	76	35							
28/ 27	.3	.9	1.5	.8														27	27	41	50							
26/ 25		1.7	.8	.1														20	20	37	52							
24/ 23		.8	.5															10	10	39	33							
22/ 21	.1	.3	.8															9	9	12	42							
20/ 19	.4	.8	.1															10	10	12	65							
18/ 17		.4	.1															4	4	8	38							
16/ 15		.5	1.1															12	12	2	27							
14/ 13			.1															1	1	7	13							
12/ 11		.6	.1															6	6	7	19							
10/ 9		.3																2	2	6	13							
8/ 7		.1																1	1	2	8							
6/ 5																				1	6							
Element (X)	Σ x <sup>2</sup>		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ							
Rel. Hum.																												
Dry Bulb																												
Wet Bulb																												
Dew Point																												
Mean No. of Hours with Temperature >																						≤ 6 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total



## PSYCHROMETRIC SUMMARY

726430  
STATION

LA CROSSE MAP, WI

**73-81**

NC  
MONTANA

PAGE 2

1200-1400  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

73-81

YEARS

NOV  
MONTH

PAGE 1 1500-1700  
HOURS (L. S. T.)

[illegible]



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI  
STATION STATION NAME

73-81  
YEARS

NOV  
MONTH

PAGE 2 1500-1700  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
5		.1																1	1	3	3				
4																					9				
3																					2				
2																					4				
1																					4				
0																					4				
-1																					4				
-2																					6				
-3																					788				
-4																					788				
-5																					788				
-6																					788				
-7																					788				
TOTAL	5.8	22.7	27.2	19.9	11.2	7.0	3.9	1.4	.8	.1								788	791	788	788				



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI STATION NAME

73-81

YEARS

NOV MONTH

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
66/ 65					.1													1	1																
64/ 63					.3													2	2																
62/ 59		.4	.3	.3		.4												10	10																
58/ 57	.1	.4	.1	.3	.5	.4	.1											15	15													7	3		
56/ 55	.5	.3	.4	.3	.3													13	13													11	10		
54/ 53	.1	.3	.6	.8	.1	.3												17	17													7	4		
52/ 51	.6	.8	.5	.5	.4	.3												24	24													10	10		
50/ 49	1.3	.5	1.3	1.1	.6	.5		.1	.1									44	44													36	16		
48/ 47	.3	.6	.8	1.3	.5	.1	.1	.1										30	30													20	12		
46/ 45	.1	.8	1.5	1.0	.3													30	30													23	19		
44/ 43	1.1	.6	1.6	.5	.3	.1	.1											35	35													39	24		
42/ 41	.3	1.4	1.8	.1	.1	.1												30	30													42	19		
40/ 39	.8	2.0	1.3	.8	.8													44	44													44	27		
38/ 37	.5	2.4	1.8	1.4	.1													49	49													37	41		
36/ 35	.9	5.3	3.6	1.4														89	89													41	52		
34/ 33	.4	2.4	1.8	1.0	.3													46	46													79	35		
32/ 31	.8	4.6	6.5	.4														98	98													70	69		
30/ 29	.5	2.8	2.6															47	47													69	37		
28/ 27	.6	1.9	1.0															28	28													76	50		
26/ 25	.5	2.1	1.5	.3														35	35													43	56		
24/ 23	.3	2.6	.4															26	26													28	35		
22/ 21	.3	1.4	.8															19	19													38	49		
20/ 19	.8	2.3	.6															29	29													23	70		
18/ 17	.1	.4	.5															8	8													16	40		
16/ 15	.1	.6	.1															7	7													10	33		
14/ 13		.5																4	4													9	17		
12/ 11		.4	.4															6	6													2	11		
10/ 9		.3																2	2													3	13		
8/ 7		.4																3	3													5	12		
6/ 5		.3																2	2													3	5		
4/ 3		.4																3	3													4	7		
2/ 1	.1																	1	1													2	6		
0/ -1																																		3	
-2/ -3																																		10	
-4/ -5																																			
Element (X)	Σ					Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						Total											
Rel. Hum.																		≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			



## PSYCHROMETRIC SUMMARY

NOV  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

72643                      LA CROSSE MAP, WI  
STATION                      STATION NAME

73-81

**YEARS**

NOV  
MONTH

PAGE 1 21CO-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
4 / 63					.1													1	1					
5 / 61				.1														1	1					
6 / 59		.5		.1														5	5					
7 / 57		.6	.3	.1	.1													9	9	5				
8 / 55			.3	.8		.3												10	10	6				
9 / 53	.4	.6	.4	.5	.1													16	16	8				
10 / 51	.4	.4	.3	.5	.3													14	14	13				
11 / 49	1.7	.6	.3	.4	.6	.3												30	30	24				
12 / 47	.5	.5	1.5	.8		.1												27	27	15				
13 / 45	.3	.8	1.5	1.0	.4		.3											33	33	16				
14 / 43	1.7	.6	1.3	.4		.1	.1											33	33	41				
15 / 41	.1	2.3	.6	.3	.3	.1												29	29	30				
16 / 39	1.0	2.9	.8	.1														38	38	49				
17 / 37	.9	2.9	1.5	.6	.1													48	48	43				
18 / 35	1.8	2.7	1.9	1.7														63	63	44				
19 / 33	1.2	4.2	1.4	.6														58	58	49				
20 / 31	1.2	5.1	5.2	.5	.1													95	95	69				
21 / 29	1.2	3.5	2.2	.3														55	55	80				
22 / 27	1.4	3.6	1.2															48	48	67				
23 / 25	.6	2.6	1.2															34	34	56				
24 / 23	.4	2.0	.9															26	26	37				
25 / 21	1.5	1.7	.9															32	32	34				
26 / 19	.8	3.2	.4															34	34	29				
27 / 17	.3	.6																7	7	24				
28 / 15	.5	.8	.1															11	11	13				
29 / 13	.1	.4	.5															8	8	8				
30 / 11	.1		.1															2	2	2				
31 / 9		.1																1	1	4				
32 / 7		.3																2	2	3				
33 / 5		.5																4	4	3				
34 / 3		.4																3	3	3				
35 / 1	.3	.3																4	4	5				
36 / -1	.1																	1	1	2				
37 / -3																				6				
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma^2$		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											$\leq 0$ F		$\leq 32$ F		$\leq 67$ F		$\leq 73$ F		$\leq 80$ F		$\leq 93$ F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

726430                      LA CROSSE MAP, WI  
STATION                                      STATION NAME

73-81

YEARS

NOV

**NOV**  
**MONTH**

PAGE 2 2100-2300  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
- / -5																					9	
- / -7																					3	
TOTAL	10.3	44.8	24.7	8.8	2.2	.9	.4											782	782	782	782	



33

## YEARS

73-61

NOV  
MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) JAN 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

726437 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

**YEARS**

NCV  
MONTANA

PAGE 2

ALL

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 ~~0000-0200~~  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430  
STATION

LA CROSSE MAP, WI

73-81

DEC

PAGE 2

0000-0200  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

72643      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

**YEARS**

DEC  
MONTH

PAGE 1 0300-0500  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81

YEARS

**DEC**  
**MONTH**

PAGE 2

0300-0500  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-1/-19	.5																	4	4	4	9			
- /-21																					9			
-2/-23																					5			
-24/-25																					3			
-26/-27																					2			
-28/-29																					2			
TOTAL	47.24	2.6	7.7	2.3	.1													814	816	814	814			



3

## PSYCHROMETRIC SUMMARY

72643                      LA CROSSE MAP, WI  
STATION                      STATION NAME

73-61

**YEARS**

DEC  
MONTH

PAGE 1 0600-0800  
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)  
22 MAR 1964  
SERVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81

YEARS

DEC  
MONTH

PAGE 2

0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1/-19																					14
-1/-21	.4																	3	3	3	8
2/-23																					6
24/-25																					4
4/-29																					1
1/-31																					1
2/-33																					1
TOTAL	50.3	41.4	7.3	1.0															817	821	817
																		817		817	



## PSYCHROMETRIC SUMMARY

72643.1      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

**YEARS**

DEC  
MONTH

PAGE 1 0900-1100  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430  
STATION

LA CROSSE MAP, WI

73-81

**YEARS**

DEC  
MONTH

PAGE 2

0900-1100  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1 12-1410  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
59 / 59			.1															1	1					
58 / 57			.2															2	2					
56 / 55																				2				
54 / 53																				1				
52 / 51					.1													1	1	2				
50 / 49				.1														1	1					
48 / 47		.4			.1													4	4					
46 / 45		.2	.1	.1	.2													6	6	8				
44 / 43		.1	.4	.4	.2													9	9	4				
42 / 41			.5	.7	.2													12	12	1				
40 / 39	.2	.5	1.7	1.3	.1													32	32	7				
38 / 37	.4	1.8	1.0	1.0	.1													35	35	22				
36 / 35	2.3	1.1	1.5	.6	.2													47	47	56				
34 / 33	2.9	3.5	2.3	1.1														81	82	60				
32 / 31	3.3	4.3	2.7	1.0														92	92	73				
30 / 29	1.0	1.6	2.3	.1														41	41	77				
28 / 27	.6	2.8	1.7	.7														48	48	45				
26 / 25	1.2	4.4	1.7	.1														61	61	54				
24 / 23	.5	4.2	1.8	.4														56	56	66				
22 / 21	1.1	3.9	1.3	.2														54	54	57				
20 / 19	.9	3.5	1.5	.1														49	49	52				
18 / 17	.1	1.8	1.0	.1														25	25	40				
16 / 15		1.2	.9															17	17	28				
14 / 13	.1	2.0	.6															22	22	17				
12 / 11	.2	2.2	1.1															29	29	24				
10 / 9	.2	1.7	.7															22	22	29				
8 / 7	.2	1.6	.7															21	21	25				
6 / 5		1.6																13	13	20				
4 / 3	.1	.9																8	8	15				
2 / 1		.5																4	4	7				
0 / -1	.9	1.1																16	16	12				
-2 / -3		.5																4	4	9				
-4 / -5		.4																3	3	3				
-6 / -7		.1																1	1	1				
Element (X)	ΣH'		ΣH		Σ		Σ <sub>2</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 6 F		≤ 22 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

**JSAFETAC**  
FORM  
JS 64  
0-26-5 (OL A)  
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

726437      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

**YEAR:**

DEC  
MONTH

PAGE 2 1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-9																					14
-11																					9
-13																					7
-15																					18
-17																					6
-19																					11
-21																					4
TOTAL	16.4	448.0	25.9	8.2	1.5													817	818	817	



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF Weather Service/MAC

# PSYCHROMETRIC SUMMARY

726430 LA CROSSE MAP, WI  
STATION STATION NAME

73-81

YEARS

DEC  
MONTH

PAGE 1 1500-1700  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
51 / 55					.2													2													2				
4 / 53				.1														1													1				
5 / 49		.1	.1															2													2				
45 / 47		.1																1													1	5			
40 / 45																																1	3		
44 / 43		.1	.4	.5	.1													9													9				
42 / 41		.4	.7	.5	.1													14													14	3			
40 / 39	.1	.5	1.1	.9	.4													24													24	7	6		
38 / 37	.9	2.2	.9	1.0	.4													43													43	24	7		
36 / 35	2.5	1.6	.7	.9	.2													48													48	55	25		
34 / 33	1.8	4.1	2.2	.5														70													70	50	44		
32 / 31	1.5	4.9	3.3	1.0														87													87	57	43		
30 / 29	1.0	3.2	2.1	.6														56													56	81	42		
28 / 27	.9	3.1	1.6	.7														51													51	62	50		
26 / 25	.7	5.3	1.7	.2														65													65	60	37		
24 / 23	.4	3.2	1.0	.4														40													40	57	30		
22 / 21	1.0	3.8	1.8	.1														55													55	56	46		
20 / 19	.4	4.7	1.7	.1														56													56	56	79		
18 / 17		1.4	.9	.2														20													20	40	54		
16 / 15	.2	1.7	1.2															26													26	26	65		
14 / 13		2.1	.6															22													22	23	29		
12 / 11		3.0	.7															30													30	30	39		
10 / 9	.1	2.7	.7															29													29	29	23		
8 / 7	.1	1.5	.5															17													17	28	25		
6 / 5		1.2																10													10	14	16		
4 / 3		.6																5													5	12	36		
2 / 1		.9																7													7	9	26		
0 / -1	.7	.9																13													13	10	18		
-2 / -3		.5																4													4	4	14		
-4 / -5	.1	.4																4													4	4	7		
-6 / -7																																	1	12	
-8 / -9																																		11	
-10 / -11																																		9	
-12 / -13																																		10	
Element (X)	Σ X <sup>2</sup>			Σ X			Σ	Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			
Rel. Hum.																																		Total	
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			
																		Mean No. of Hours with Temperature																	
																		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						Total						



## PSYCHROMETRIC SUMMARY

726430                      LA CROSSE MAP, WI  
STATION                                      STATION NAME

73-81

YEARS

DEC  
MONTH

PAGE 2

1500-1700  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

72643      LA CROSSE MAP, MI

73-81

254

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
2/ 51				.1														1	1					
4/ 47			.2															2	2					
4/ 45		.2																2	2	2				
4/ 43	.1																	1	1	4	1			
2/ 41			.4															3	3					
4/ 39	.2	.5	.9															13	13	2	4			
3/ 37	.4	.5	.4	.1														11	11	12	4			
3/ 35	2.4	3.2	.5	1.0														57	57	33	17			
3/ 33	3.1	3.2	1.4	.4														65	65	60	46			
2/ 31	1.7	5.6	1.4	.4														73	73	49	37			
3/ 29	1.2	2.5	2.4	.5														53	53	65	40			
2/ 27	1.7	4.1	1.0															55	55	50	32			
3/ 25	1.0	5.3	1.5															63	63	63	12			
2/ 23	.7	3.5	.7															40	40	80	31			
2/ 21	.6	4.0	.7															43	43	35	42			
2/ 19	2.6	5.7	1.4	.4														81	82	60	67			
1/ 17	.9	2.0	.4															26	26	52	35			
1/ 15	.6	2.9	.2															30	30	34	48			
1/ 13	.9	2.9	.1															31	31	26	63			
1/ 11	.5	1.2	.2															16	16	28	36			
1/ 9	.6	2.2	.1															24	24	17	18			
1/ 7	.6	1.7																19	19	25	24			
1/ 5	1.1	2.9																31	31	31	16			
4/ 3	.5	1.6																17	17	19	21			
1/ 1	.6	1.0																13	14	18	34			
1/ -1	.7	.7																12	12	11	19			
-1/ -3	.1	.9																8	8	9	8			
-4/ -5	.2	.2																4	4	8	17			
-1/ -7	.1	.2																3	3	4	15			
-2/ -9	.6																	5	5	5	5			
-1/ -11	.4																	3	3	3	9			
-12/-13																					8			
-14/-15																					6			
-16/-17																					15			
Element (X)	Σ X <sup>2</sup>		Σ X		X		C <sub>X</sub>		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 6 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

7 LA CROSSE MAP, WI  
STATION NAME

**73-81**

YEARS

DEC  
MONTH

PAGE 2 1800-2000  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

DEC  
MONTH

PAGE 1 2100-2300  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

726430      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

DEC  
MONTH

PAGE 2 2100-2300  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
59			.0															1	1					
57			.0															2	2					
55					.0													2	2	2				
53		.1		.0														5	5	1				
51		.0		.0	.0													4	4	4				
49		.0	.0	.0														4	4	5				
47		.1	.0		.0													9	9	6				
45	.3	.2	.1	.1	.0													26	26	11				
43	.2	.1	.2	.1	.0													38	38	28				
41	.2	.2	.2	.2	.0													42	42	34				
39	.1	.4	.5	.3	.1													91	91	37				
37	.5	.7	.3	.3	.1													125	125	83				
35	2.3	1.4	.4	.4	.1													296	296	154				
33	3.2	2.8	1.2	.4	.0													502	503	321				
31	2.8	4.2	2.2	.8														642	643	334				
29	1.4	2.4	1.7	.2	.0													374	374	299				
27	1.7	3.0	1.0	.2														392	392	293				
25	1.7	4.3	1.2	.1														455	455	290				
23	1.4	4.1	.8	.1														415	416	278				
21	2.3	3.6	1.0	.0														449	449	362				
19	2.4	5.2	.9	.1														565	567	627				
17	1.0	2.5	.4	.0														255	255	422				
15	.7	2.2	.4															209	209	394				
13	1.0	2.2	.3															226	229	317				
11	.9	1.7	.4															186	186	314				
9	1.0	2.0	.3															208	209	214				
7	.8	1.7	.2															179	179	236				
5	.6	1.2																114	114	153				
3	.6	1.1																114	114	193				
1	.6	1.4																128	129	185				
-1	1.2	.6																120	122	114				
-3	.8	.6																93	93	104				
-5	.9	.4																83	85	108				
-7	.8	.1																59	61	98				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						$\leq 0$ F	$\leq 32$ F	$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								



## PSYCHROMETRIC SUMMARY

YEARS

DEC  
MONTH

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

**0-26-5 (OL A)**

**11**

**USAFETAC**



## PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 1

ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point				
14/103												.0						2	2					
12/101												.0	.0					2	2					
10/99										.0	.0	.0	.0	.0				14	14					
8/97										.0	.0	.0	.0	.0				21	21					
6/95						.0		.0	.0	.0	.0	.0	.0	.0	.0	.0		47	47					
4/93						.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			77	77					
2/91					.0	.0	.0	.0	.0	.0	.1	.0	.0	.0		.0		162	162					
0/89				.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	325	325					
8/87			.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0		526	527					
6/85	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0		642	644	6				
4/83		.0	.0	.1	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0		775	779	17				
2/81	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0			988	989	71				
0/79	.0	.0	.1	.2	.3	.3	.3	.2	.3	.2	.1	.0	.0	.0	.0			1365	1370	127				
7/77	.0	.1	.2	.3	.3	.3	.3	.2	.2	.1	.0	.0	.0	.0				1562	1569	418				
6/75	.0	.2	.3	.3	.3	.4	.2	.3	.2	.1	.0	.0	.0	.0				1973	1983	806				
4/73	.1	.4	.4	.5	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0				2032	2038	1432				
2/71	.2	.4	.5	.4	.3	.2	.2	.2	.1	.1	.0	.0	.0					2027	2031	1683				
0/69	.3	.6	.6	.4	.5	.3	.2	.2	.1	.1	.0	.0						2523	2529	2177				
6/67	.3	.7	.6	.4	.4	.3	.2	.1	.1	.0	.0							2459	2466	2732				
4/65	.4	.7	.6	.6	.3	.2	.2	.1	.1	.1	.0							2633	2648	2719				
2/63	.3	.8	.4	.4	.3	.2	.2	.1	.1	.0								2215	2221	2765				
0/61	.4	1.0	.4	.4	.3	.2	.2	.1	.1	.0								2403	2408	2936				
8/59	.5	1.1	.6	.4	.4	.3	.2	.1	.1	.0								2770	2778	3053				
6/57	.4	.9	.5	.4	.3	.2	.2	.1	.0	.0								2271	2276	2757				
4/55	.5	.7	.5	.4	.3	.3	.2	.1	.0									2261	2264	2555				
2/53	.3	.7	.5	.4	.3	.2	.1	.1	.0									1938	1939	2339				
0/51	.3	.6	.5	.3	.3	.2	.1	.0	.0									1863	1866	2234				
8/49	.4	.7	.5	.4	.3	.2	.1	.0	.0									2093	2095	2309				
6/47	.3	.8	.5	.4	.3	.2	.1	.0	.0									1913	1913	2217				
4/45	.3	.7	.5	.5	.3	.1	.0	.0										1917	1919	2216				
2/43	.3	.7	.5	.4	.2	.1	.0											1732	1735	2205				
0/41	.3	.7	.5	.5	.1	.0	.0											1672	1674	2070				
8/39	.5	.7	.7	.3	.2	.0												1903	1906	2145				
6/37	.6	.9	.7	.4	.1	.0												2010	2013	2284				
Element (X)	ΣX'				ΣX				Σ				Σ <sub>n</sub>				No. Obs.				Mean No. of Hours with Temperature			
Rel. Hum.																	± 0 F				± 32 F			
Dry Bulb																	± 67 F				± 73 F			
Wet Bulb																	± 80 F				± 93 F			
Dew Point																					Total			



## PSYCHROMETRIC SUMMARY

72643      LA CROSSE MAP, WI  
STATION      STATION NAME

73-81

YEARS

**ALL  
MONTH**

PAGE 2

ALL  
HOURS (L. S. T.)

[illegible]



## PSYCHROMETRIC SUMMARY

73-A1

**YEARS**



PAGE 3

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GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

726437 LA CROSSE MAP, WI

73-81

STATION		STATION NAME												YEARS
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0-02	MEAN	12.2	17.6	29.9	42.8	53.0	62.1	67.9	64.8	56.4	45.2	33.1	20.1	42.2
	S.D.	14.828	13.784	11.515	10.164	9.178	7.107	6.845	7.166	9.274	9.842	10.982	11.893	21.300
	TOTAL OBS	820	742	814	788	813	804	812	815	783	813	794	814	9610
3-05	MEAN	10.7	16.0	28.3	40.5	50.8	59.9	65.6	63.1	54.6	43.6	31.8	19.3	40.4
	S.D.	15.305	14.354	11.977	10.155	9.377	7.289	6.957	7.293	9.214	9.942	11.031	12.511	21.174
	TOTAL OBS	823	736	827	782	814	793	812	812	793	822	797	816	9627
6-08	MEAN	9.7	15.1	28.4	41.9	53.8	63.4	68.3	64.8	55.4	43.4	31.4	18.6	41.3
	S.D.	15.516	14.600	12.024	10.046	9.188	6.486	6.385	6.777	9.086	9.692	11.171	12.851	22.288
	TOTAL OBS	816	748	811	796	824	794	815	806	791	821	790	821	9633
9-11	MEAN	13.4	19.9	34.3	49.0	61.8	70.5	76.2	72.1	63.0	50.6	35.7	21.3	47.4
	S.D.	14.408	13.006	11.472	11.234	9.690	7.134	6.458	6.502	8.650	9.492	11.169	11.788	23.479
	TOTAL OBS	817	745	820	793	822	793	813	811	792	821	796	823	9646
12-14	MEAN	18.8	26.0	39.4	54.3	67.1	75.5	81.5	77.8	69.1	56.5	40.5	25.4	52.7
	S.D.	13.096	11.793	11.513	12.238	10.479	7.684	7.014	7.116	9.534	10.385	11.943	10.858	23.676
	TOTAL OBS	817	748	817	789	824	788	808	805	798	812	782	818	9606
15-17	MEAN	19.5	27.5	40.4	55.5	67.7	76.6	82.6	79.0	69.8	56.7	40.1	25.1	53.5
	S.D.	12.842	11.624	11.686	12.489	10.358	7.524	7.421	6.976	9.472	10.597	12.062	10.515	23.835
	TOTAL OBS	821	746	821	791	821	790	822	817	791	816	791	812	9639
18-20	MEAN	15.7	22.7	35.8	50.9	63.2	72.3	78.0	73.7	63.6	50.5	36.0	22.3	48.9
	S.D.	13.406	12.192	11.046	11.422	9.647	7.111	6.797	6.654	8.658	9.757	11.000	11.148	23.245
	TOTAL OBS	807	748	821	785	817	788	810	815	794	820	797	807	9609
1-23	MEAN	13.7	19.8	32.5	46.2	56.8	65.7	71.1	67.7	58.6	47.0	34.1	21.0	44.7
	S.D.	14.170	12.988	11.122	10.314	8.828	6.694	6.521	6.839	8.751	9.679	10.872	11.595	21.677
	TOTAL OBS	816	745	810	790	821	791	814	817	794	820	782	813	9613
ALL HOURS	MEAN	14.2	20.6	33.6	47.6	59.3	68.2	73.9	70.3	61.3	49.2	35.3	21.6	46.4
	S.D.	14.610	13.742	12.356	12.270	11.404	9.270	9.146	9.000	10.671	11.101	11.740	11.900	23.100
	TOTAL OBS	6537	5958	6541	6312	6586	6341	6506	6498	6336	6545	6329	6524	76983



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

726430 LA CROSSE MAP, WI

73-81

STATION		STATION NAME												YEARS											
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL											
C-02	MEAN	11.5	16.6	28.3	39.7	49.6	59.2	65.1	62.8	54.2	42.3	31.3	19.1	40.1											
	S. D.	14.548	13.367	10.984	9.376	8.789	6.382	6.044	6.768	8.818	9.176	10.588	11.626	20.483											
	TOTAL OBS	820	739	814	786	813	804	801	815	781	812	793	813	9591											
3-05	MEAN	10.0	15.2	27.0	38.2	48.2	57.8	63.5	61.5	52.9	41.2	30.3	18.4	38.7											
	S. D.	15.036	13.991	11.539	9.516	9.115	6.700	6.233	6.907	8.786	9.344	10.717	12.238	20.560											
	TOTAL OBS	822	735	827	780	813	791	802	811	792	822	795	814	9604											
6-08	MEAN	9.1	14.3	27.1	39.2	50.3	59.9	65.0	62.5	53.4	41.1	30.0	17.9	39.2											
	S. D.	15.259	14.258	11.665	9.342	8.931	6.103	5.683	6.316	8.548	9.186	10.891	12.540	21.274											
	TOTAL OBS	811	746	811	794	824	794	808	803	790	821	790	817	9609											
9-11	MEAN	12.4	18.4	31.1	43.2	54.1	63.1	68.1	65.8	57.4	45.6	33.1	20.0	42.8											
	S. D.	14.056	12.511	10.379	9.304	8.712	6.243	5.350	5.624	7.522	8.534	10.588	11.584	21.001											
	TOTAL OBS	815	744	817	791	822	793	812	811	792	819	796	822	9634											
12-14	MEAN	16.8	23.1	34.3	45.8	56.2	64.8	69.9	67.8	59.8	48.4	35.9	23.2	45.5											
	S. D.	12.530	10.882	9.483	9.246	8.522	6.171	5.253	5.867	7.869	8.621	10.402	10.498	20.013											
	TOTAL OBS	817	747	816	789	824	787	801	805	797	812	781	817	9593											
15-17	MEAN	17.4	24.3	35.0	46.4	56.3	65.2	70.1	68.2	60.0	48.3	35.5	23.0	45.9											
	S. D.	12.251	10.584	9.314	9.336	8.116	5.981	5.283	5.927	7.758	8.653	10.567	10.193	19.897											
	TOTAL OBS	820	744	818	791	819	788	811	816	790	815	788	811	9611											
18-20	MEAN	14.5	20.8	32.3	44.3	54.6	63.9	68.9	66.7	57.8	45.3	33.1	20.9	43.7											
	S. D.	13.074	11.662	9.661	9.378	8.218	5.984	5.320	6.083	7.789	8.736	10.322	10.888	20.482											
	TOTAL OBS	806	748	820	784	817	787	798	814	793	820	797	805	9589											
21-23	MEAN	12.8	18.6	30.3	42.0	52.1	61.3	66.7	64.5	55.5	43.4	31.9	19.9	41.7											
	S. D.	13.883	12.570	10.357	9.189	8.453	6.150	5.695	6.425	8.207	8.956	10.399	11.306	20.445											
	TOTAL OBS	816	745	810	789	821	791	803	816	793	818	782	809	9593											
ALL HOURS	MEAN	13.1	18.9	30.7	42.3	52.7	61.9	67.2	65.0	56.4	44.5	32.6	20.3	42.2											
	S. D.	14.141	12.979	10.851	9.767	9.075	6.731	6.070	6.683	8.575	9.314	10.751	11.529	20.683											
	TOTAL OBS	6827	5948	6533	6304	6553	6335	6438	6491	6328	6539	6322	6508	76824											



GLOBAL CLIMATOLOGY BRANCH  
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AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

726430 LA CROSSE MAP, WI

73-81

STATION		STATION NAME												YEARS											
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL											
0-02	MEAN	6.0	12.0	24.5	35.7	46.3	57.2	63.5	61.7	52.4	38.9	27.7	14.7	36.8											
	S. D.	17.456	15.476	12.447	10.657	10.245	6.758	6.300	7.008	9.253	10.084	12.028	13.815	22.253											
	TOTAL OBS	820	739	814	786	813	804	801	815	781	812	793	813	9591											
3-05	MEAN	4.7	10.9	23.6	34.9	45.7	56.3	62.3	60.6	51.4	38.2	27.1	14.1	35.9											
	S. D.	17.871	15.994	12.965	10.696	10.239	6.954	6.395	7.084	9.090	10.057	12.140	14.682	22.367											
	TOTAL OBS	822	735	827	780	813	791	802	811	792	822	795	814	9604											
6-08	MEAN	3.8	9.9	23.5	35.4	46.8	57.4	63.0	61.1	51.9	38.2	27.0	13.8	36.1											
	S. D.	18.027	16.423	13.205	10.702	10.436	6.906	6.277	6.709	8.814	9.929	12.327	14.860	22.883											
	TOTAL OBS	811	746	811	794	824	794	808	803	790	821	790	817	9609											
9-11	MEAN	5.9	12.6	25.3	36.1	47.2	58.2	63.6	62.0	53.1	39.9	28.4	15.0	37.4											
	S. D.	17.405	14.987	12.196	11.000	11.543	7.813	6.819	7.220	8.667	9.998	12.361	14.495	22.416											
	TOTAL OBS	815	744	817	791	822	793	812	811	792	819	796	822	9634											
12-14	MEAN	8.3	15.2	26.1	36.1	46.6	57.9	63.7	61.9	52.9	40.0	28.7	16.6	37.9											
	S. D.	16.412	13.662	11.406	11.431	12.191	8.318	7.164	8.306	9.924	10.695	12.230	14.044	21.648											
	TOTAL OBS	817	747	816	789	824	787	801	805	797	812	781	817	9593											
15-17	MEAN	8.9	16.1	26.5	36.0	46.2	58.0	63.4	61.9	52.6	39.5	28.2	16.5	37.9											
	S. D.	16.135	13.355	11.190	11.735	11.965	8.253	7.262	8.512	10.096	10.860	12.502	13.578	21.458											
	TOTAL OBS	820	744	818	791	819	788	811	816	790	815	788	811	9611											
18-20	MEAN	7.8	14.7	26.0	36.4	46.9	58.3	63.9	62.5	53.3	39.4	27.4	15.8	37.8											
	S. D.	16.346	14.206	11.421	11.530	11.433	7.804	6.859	7.862	9.288	10.359	12.121	13.584	21.858											
	TOTAL OBS	806	748	820	784	817	787	798	814	793	820	797	805	9589											
1-23	MEAN	7.0	13.7	25.8	36.8	47.6	58.3	64.6	62.6	53.0	39.2	27.6	15.4	37.8											
	S. D.	16.802	14.785	11.724	10.750	10.451	7.065	6.229	7.013	8.968	10.126	12.120	13.542	22.119											
	TOTAL OBS	816	745	810	789	821	791	803	816	793	818	782	809	9593											
ALL HOURS	MEAN	6.5	13.1	25.2	35.9	46.7	57.7	63.5	61.8	52.6	39.2	27.3	15.2	37.2											
	S. D.	17.143	15.020	12.131	11.078	11.099	7.529	6.701	7.514	9.288	10.282	12.237	14.111	22.142											
	TOTAL OBS	6527	5948	6533	6304	6553	6335	6436	6491	6328	6539	6322	6508	76824											



## RELATIVE HUMIDITY

22:43

LA CROSSE MAP, NI

73-81

JAN

STATION

STATION NAME

PERIOD

**MONTH**

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	0-02	100.0	100.0	100.0	99.3	96.2	82.0	64.5	44.1	22.4	76.4	620
	03-05	100.0	100.0	100.0	98.8	96.7	83.6	66.2	42.8	23.3	77.0	622
	06-08	100.0	100.0	100.0	99.3	96.8	85.0	65.7	43.3	23.2	77.0	611
	09-11	100.0	100.0	99.8	98.8	90.2	74.7	53.3	32.8	16.9	72.5	615
	12-14	100.0	100.0	98.8	94.5	76.4	54.0	35.1	19.9	9.7	64.7	617
	15-17	100.0	100.0	98.9	92.4	72.8	55.2	37.1	21.2	9.8	64.5	620
	18-20	100.0	100.0	100.0	96.4	88.8	69.9	53.5	32.5	13.9	71.0	625
	21-23	100.0	100.0	100.0	99.1	95.3	79.0	61.4	39.6	18.0	74.9	616
TOTALS		100.0	100.0	99.7	97.5	89.2	72.9	54.6	34.5	17.1	72.3	6527

**USAFETAC**FORM  
JUL 64

0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

726430 LA CROSSE MAP, WI

73-81

FF2

STATION

STATION NAME

PERIOD

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.9	98.0	93.7	74.3	45.4	24.2	75.1	739
	03-05	100.0	100.0	100.0	100.0	98.2	92.0	79.3	52.1	26.6	81.8	735
	06-08	100.0	100.0	100.0	99.6	98.5	91.4	77.6	52.8	24.8	80.2	740
	09-11	100.0	100.0	100.0	99.3	94.4	80.1	58.9	32.5	15.3	73.8	744
	12-14	100.0	100.0	99.9	95.9	82.7	59.0	31.9	15.3	6.0	64.7	747
	15-17	100.0	100.0	99.9	94.6	78.6	53.1	29.7	15.6	5.2	63.2	744
	18-20	100.0	100.0	100.0	98.8	92.4	78.6	54.0	26.1	12.2	72.2	743
	21-23	100.0	100.0	100.0	100.0	97.7	87.1	70.5	41.2	14.3	77.4	745
TOTALS		100.0	100.0	100.0	98.5	92.6	79.0	59.6	35.5	17.0	73.9	5948

USAFETAC

FORM  
AIR 64

0-87-5 (OL A)



## RELATIVE HUMIDITY

72-61

225

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.5	96.9	89.6	77.1	55.7	30.0	81.1	814
	03-05	100.0	100.0	100.0	100.0	98.7	92.7	80.9	63.4	37.8	83.3	827
	06-08	100.0	100.0	100.0	100.0	98.5	92.5	79.8	59.4	35.4	82.7	811
	09-11	100.0	99.9	99.5	96.0	85.1	71.5	51.4	31.7	20.2	71.6	817
	12-14	100.0	100.0	96.3	83.3	67.0	48.0	30.9	21.9	13.2	67.0	815
	15-17	100.0	99.9	94.6	81.9	63.8	45.2	30.9	22.9	15.0	61.0	818
	18-20	100.0	100.0	98.8	93.9	84.5	67.1	46.7	31.4	17.4	69.9	821
	21-23	100.0	100.0	100.0	99.5	95.8	86.3	65.8	43.3	24.4	77.5	813
TOTALS		100.0	100.0	98.7	94.3	86.3	74.1	57.9	41.1	24.2	73.7	6535



AD-A122 713

LA CROSSE MAP WISCONSIN REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERV... (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A... 30 JUL 82  
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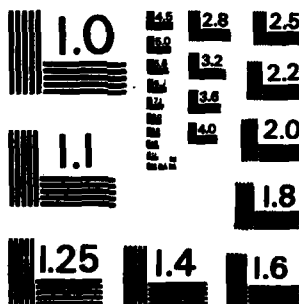
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
PERIOD

APR  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.6	97.3	94.1	85.5	69.7	46.2	24.2	77.6	786
	03-05	100.0	100.0	99.6	98.3	96.2	90.8	79.1	59.9	33.5	81.8	781
	06-08	100.0	100.0	99.7	99.1	93.8	85.0	70.5	52.5	28.3	79.2	794
	09-11	100.0	100.0	97.9	87.5	70.0	51.8	37.4	25.5	14.2	64.3	791
	12-14	100.0	99.4	87.6	65.5	47.9	35.7	26.1	17.2	8.9	54.5	784
	15-17	100.0	99.0	81.0	60.8	44.4	32.2	24.5	15.4	9.5	52.5	791
	18-20	100.0	99.9	94.8	80.7	63.6	45.4	33.4	22.7	13.3	61.3	784
	21-23	100.0	100.0	98.6	95.2	87.1	72.8	52.1	35.2	18.9	71.5	789
TOTALS		100.0	99.3	94.9	85.6	74.6	62.4	49.1	34.3	18.7	67.9	6304



## RELATIVE HUMIDITY

72643

LA CROSSE MAP, WI

73-81

MAY

STATION

STATION NAME

**1990**

**MONTH**

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	98.4	93.5	84.1	71.8	55.7	31.9	79.7	813
	03-05	100.0	100.0	100.0	99.3	97.9	90.0	79.2	65.4	42.1	83.6	813
	06-08	100.0	100.0	99.9	99.5	96.1	84.6	69.7	47.8	26.1	78.4	824
	09-11	100.0	99.9	96.0	85.2	67.8	49.5	33.0	18.1	8.6	61.6	822
	12-14	100.0	97.8	82.8	61.9	45.8	32.6	19.8	12.5	5.7	51.7	824
	15-17	100.0	97.6	78.0	57.0	43.6	30.6	20.4	13.6	7.0	50.5	819
	18-20	100.0	99.5	92.3	76.9	58.6	44.2	31.7	21.9	11.5	59.3	817
	21-23	100.0	100.0	99.8	96.0	87.7	74.5	56.9	36.9	20.0	73.4	821
TOTALS		100.0	99.4	93.6	84.3	73.9	61.3	47.8	34.0	19.1	67.3	6553



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

726435  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
PERIOD

JUN  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.6	96.1	85.1	65.4	36.8	84.5	804
	03-05	100.0	100.0	100.0	100.0	99.6	97.3	89.5	76.9	54.2	88.5	791
	06-08	100.0	100.0	100.0	100.0	99.2	93.2	79.2	54.5	26.3	81.4	794
	09-11	100.0	100.0	99.7	97.0	85.9	61.9	35.7	19.5	8.2	66.5	793
	12-14	100.0	100.0	96.6	83.5	59.1	36.1	20.1	10.0	3.3	56.5	787
	15-17	100.0	100.0	95.8	80.8	52.5	32.5	16.5	9.5	2.8	54.7	788
	18-20	100.0	100.0	99.2	92.1	76.4	53.9	30.5	16.6	5.3	63.3	787
	21-23	100.0	100.0	100.0	99.7	97.2	89.4	71.4	44.2	16.6	78.0	791
TOTALS		100.0	100.0	98.9	94.1	83.7	70.1	53.5	37.1	19.2	71.7	6335

USAFETAC

FORM 12

6-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

72643 LA CROSSE MAP, WI

73-81

JUL

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	99.8	97.1	85.6	72.4	42.3	66.2	801
	03-05	100.0	100.0	100.0	100.0	100.0	98.5	91.8	79.6	56.4	69.4	802
	06-08	100.0	100.0	99.9	99.5	99.1	96.3	84.2	60.4	33.0	83.7	808
	09-11	100.0	100.0	99.8	98.0	86.0	60.7	39.7	18.7	6.7	66.5	812
	12-14	100.0	99.9	99.5	86.1	55.6	35.2	20.0	8.7	3.5	56.6	801
	15-17	100.0	100.0	98.9	77.7	50.2	28.0	16.8	9.4	4.2	54.3	811
	18-20	100.0	100.0	99.7	94.2	76.2	53.1	30.6	17.3	5.5	63.6	798
	21-23	100.0	100.0	100.0	100.0	99.3	92.5	78.1	54.9	21.3	60.6	803
TOTALS		100.0	100.0	99.7	94.4	83.3	70.2	58.9	40.2	21.6	72.6	6436



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

726430

LA CROSSE MAP, WI

73-81

AUG

STATION

STATION NAME

PERIOD

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.4	95.7	83.3	53.7	89.8	815
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	96.8	87.5	63.5	91.8	811
	06-08	100.0	100.0	100.0	99.9	99.8	98.3	91.4	75.8	50.6	88.4	803
	09-11	100.0	100.0	99.9	98.5	90.8	73.0	51.7	34.9	16.6	72.3	811
	12-14	100.0	99.9	98.5	86.8	64.8	45.6	28.4	16.6	7.5	60.5	805
	15-17	100.0	100.0	98.0	83.9	60.4	38.0	24.3	13.2	5.9	58.2	816
	18-20	100.0	100.0	99.6	96.9	87.2	68.4	49.6	30.1	10.3	69.9	814
	21-23	100.0	100.0	100.0	100.0	99.4	97.5	87.5	67.4	32.6	84.4	816
TOTALS		100.0	100.0	99.5	95.8	87.8	77.5	65.7	51.1	30.1	76.9	6491

USAFETAC

25

9-59-6 (OL A)

2037



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

72643 LA CROSSE MAP, WI

73-81

SEP

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.2	96.4	89.8	79.8	45.1	87.2	781
	03-05	100.0	100.0	100.0	100.0	99.5	98.7	91.3	81.2	54.9	89.5	792
	06-08	100.0	100.0	100.0	100.0	100.0	98.1	91.9	76.5	49.2	88.4	790
	09-11	100.0	100.0	99.9	98.9	92.2	73.5	49.6	27.7	11.7	71.5	792
	12-14	100.0	100.0	97.9	87.2	60.9	40.8	22.5	13.0	4.8	58.4	797
	15-17	100.0	99.6	96.6	81.5	58.0	39.0	23.5	11.9	3.5	57.0	793
	18-20	100.0	100.0	99.6	97.0	88.0	71.8	50.8	29.8	9.3	70.7	793
	21-23	100.0	100.0	100.0	100.0	97.4	92.1	81.3	61.5	30.3	82.5	793
TOTALS		100.0	100.0	99.3	95.6	86.9	76.3	62.6	47.1	26.1	75.7	6328

USAFETAC

FORM 5-64

0-87-5 (OL A)



3  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
PERIOD

OCT  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.9	99.5	97.5	87.7	73.6	49.9	28.3	79.7	612
	03-05	100.0	100.0	100.0	99.6	98.9	94.2	76.9	57.1	33.3	82.3	822
	06-08	100.0	100.0	100.0	100.0	98.9	94.2	78.6	57.2	32.9	82.7	821
	09-11	100.0	100.0	99.9	97.3	86.8	64.0	42.9	25.2	13.2	68.7	819
	12-14	100.0	100.0	97.0	79.4	51.6	34.7	22.8	12.9	5.7	56.5	812
	15-17	100.0	99.8	95.8	74.0	49.7	35.1	22.1	12.5	6.6	55.5	815
	18-20	100.0	100.0	99.8	96.7	82.7	62.0	42.1	25.1	10.1	67.5	820
	21-23	100.0	100.0	99.6	99.6	94.5	80.3	63.2	39.2	19.2	75.5	818
TOTALS		100.0	100.0	99.0	93.3	82.6	69.0	52.8	34.9	18.7	71.1	6539



## RELATIVE HUMIDITY

72643

LA CROSSE MAP, WI

73-81

NOV

STATION

STATION NAME

**INDEX**

**MONTH**

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-04	100.0	100.0	99.7	99.4	98.4	92.1	75.9	53.7	33.2	81.3	793
	05-09	100.0	100.0	99.9	99.4	98.5	94.3	81.0	60.5	41.9	83.5	795
	10-14	100.0	100.0	100.0	99.9	99.1	95.1	82.7	63.3	41.0	84.3	790
	15-19	100.0	100.0	99.9	99.4	94.7	80.8	58.9	40.3	22.5	75.8	796
	20-24	100.0	99.9	98.5	93.3	76.8	55.3	35.0	22.5	12.3	65.1	741
	25-29	100.0	99.6	98.2	92.3	76.0	55.8	35.7	21.7	10.4	64.7	768
	30-34	100.0	99.6	99.5	98.4	92.0	81.2	59.1	34.3	14.7	73.7	797
	35-39	100.0	100.0	99.6	99.0	95.1	88.6	69.4	44.6	24.0	77.9	782
	40-44											
	45-49											
	50-54											
	55-59											
	60-64											
	65-69											
	70-74											
	75-79											
	80-84											
	85-89											
	90-94											
	95-99											
	TOTALS	100.0	99.9	99.4	97.6	91.3	80.4	62.2	42.6	25.0	75.8	6322

**UNAPTTAC**

**Abstract**

**0-57-5 (OL A)**



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

726430  
STATION

LA CROSSE MAP, WI  
STATION NAME

73-81  
PERIOD

DEC  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.9	99.4	97.5	87.9	73.4	53.4	33.1	81.2	813
	03-05	100.0	100.0	99.8	98.9	97.1	88.6	74.8	55.8	36.4	80.9	814
	06-08	100.0	100.0	100.0	99.3	97.7	89.1	76.6	57.8	35.0	81.6	817
	09-11	100.0	100.0	99.8	99.3	93.8	81.9	66.5	47.3	28.7	77.5	822
	12-14	100.0	100.0	99.3	95.2	85.1	70.5	50.8	31.9	15.9	70.7	817
	15-17	100.0	100.0	99.4	95.9	85.7	73.5	52.9	31.6	13.6	70.8	811
	18-20	100.0	100.0	99.8	99.1	93.5	83.4	68.0	44.5	21.6	76.7	805
	21-23	100.0	100.0	100.0	99.6	96.9	87.5	72.2	52.3	27.7	79.6	809
TOTALS		100.0	100.0	99.8	98.3	93.4	82.8	66.9	46.8	26.5	77.3	6508



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATC WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

72643 LA CROSSE MAP, WI

73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.7	97.5	89.2	72.9	54.6	34.5	17.1	72.3	6527
FEB		100.0	100.0	100.0	98.5	92.6	79.0	59.6	35.5	17.0	73.9	5948
MAR		100.0	100.0	98.7	94.3	86.3	74.1	57.9	41.1	24.2	73.7	6533
APR		100.0	99.8	94.9	85.6	74.6	62.4	49.1	34.3	18.7	67.9	6374
MAY		100.0	99.4	93.6	84.3	73.9	61.3	47.8	34.0	19.1	67.3	6553
JUN		100.0	100.0	98.9	94.1	83.7	70.1	53.5	37.1	19.2	71.7	6335
JUL		100.0	100.0	99.7	94.4	83.3	70.2	55.9	40.2	21.6	72.6	6436
AUG		100.0	100.0	99.5	95.8	87.8	77.5	65.7	51.1	30.1	76.9	6491
SEP		100.0	100.0	99.3	95.6	86.9	76.3	62.6	47.1	26.1	75.7	6328
OCT		100.0	100.0	99.0	93.3	82.6	69.0	52.8	34.9	18.7	71.1	6539
NOV		100.0	99.9	99.4	97.6	91.3	80.4	62.2	42.6	25.0	75.8	6322
DEC		100.0	100.0	99.8	98.3	93.4	82.8	66.9	46.8	26.5	77.3	6506
TOTALS		100.0	99.9	98.5	94.1	85.5	73.0	57.4	39.9	21.9	73.0	76824

UNCLASSIFIED

DATE

9-87-8 (JUL A)



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

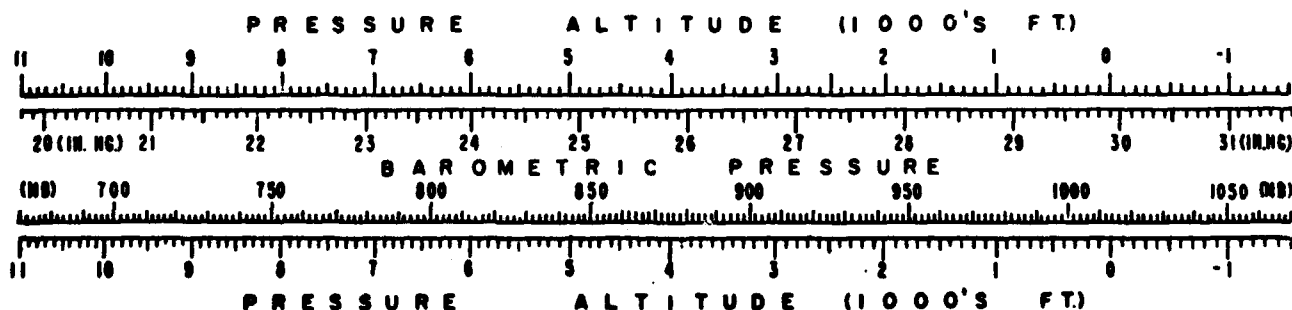
## PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.





GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

72643

LA CROSSE MAP, WI

73-81

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
0	MEAN	29.381	29.380	29.280	29.286	29.237	29.228	29.283	29.309	29.330	29.334	29.341	29.358	29.312	
	S.D.	.280	.280	.249	.222	.176	.166	.124	.133	.168	.205	.246	.264	.221	
	TOTAL OBS	273	246	273	262	273	269	274	275	260	269	266	273	3213	
3	MEAN	29.387	29.377	29.270	29.284	29.231	29.221	29.283	29.304	29.328	29.330	29.344	29.353	29.309	
	S.D.	.280	.287	.258	.236	.184	.171	.130	.138	.165	.212	.247	.272	.227	
	TOTAL OBS	271	244	274	259	268	265	271	270	264	273	263	275	3197	
5	MEAN	29.384	29.377	29.275	29.298	29.256	29.242	29.302	29.317	29.345	29.344	29.339	29.351	29.319	
	S.D.	.289	.290	.264	.244	.189	.180	.130	.138	.167	.217	.254	.277	.230	
	TOTAL OBS	268	248	273	261	273	266	270	266	267	272	263	272	3199	
9	MEAN	29.405	29.395	29.290	29.309	29.264	29.249	29.313	29.329	29.361	29.361	29.359	29.369	29.334	
	S.D.	.286	.290	.264	.251	.191	.180	.132	.137	.166	.222	.257	.279	.232	
	TOTAL OBS	272	248	273	265	268	263	273	269	265	270	267	279	3212	
12	MEAN	29.398	29.386	29.282	29.287	29.245	29.238	29.296	29.317	29.346	29.344	29.339	29.354	29.319	
	S.D.	.280	.281	.260	.241	.184	.179	.125	.136	.163	.215	.256	.276	.228	
	TOTAL OBS	273	248	271	262	276	262	266	265	263	272	262	271	3191	
15	MEAN	29.360	29.358	29.246	29.257	29.215	29.214	29.274	29.289	29.310	29.312	29.311	29.331	29.289	
	S.D.	.282	.279	.250	.230	.176	.171	.123	.132	.158	.207	.244	.270	.221	
	TOTAL OBS	272	249	273	259	272	265	274	274	260	272	261	271	3202	
18	MEAN	29.371	29.367	29.247	29.255	29.206	29.199	29.258	29.274	29.307	29.317	29.333	29.345	29.290	
	S.D.	.283	.263	.240	.217	.169	.167	.114	.129	.158	.206	.237	.260	.217	
	TOTAL OBS	269	246	271	263	271	263	268	275	265	276	264	266	3197	
21	MEAN	29.380	29.378	29.272	29.277	29.228	29.216	29.277	29.295	29.324	29.335	29.340	29.353	29.306	
	S.D.	.286	.268	.243	.212	.167	.165	.117	.131	.161	.206	.240	.261	.217	
	TOTAL OBS	271	250	269	260	272	267	272	271	262	273	263	274	3204	
ALL HOURS	MEAN	29.383	29.377	29.270	29.281	29.235	29.226	29.286	29.304	29.331	29.334	29.338	29.352	29.310	
	S.D.	.283	.279	.254	.232	.180	.173	.125	.135	.164	.211	.248	.270	.225	
	TOTAL OBS	2169	1979	2177	2091	2173	2120	2168	2165	2106	2177	2109	2181	25615	



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

726430 LA CROSSE MAP, WI

73-81

STATION		STATION NAME												YEARS													
HRS. (L.S.T.)		JAN.		FEB.		MAR.		APR.		MAY		JUN.		JUL.		AUG.		SEP.		OCT.		NOV.		DEC.		ANNUAL	
0	MEAN	1020.6		1020.4		1016.5		1016.2		1014.2		1013.7		1015.5		1016.4		1017.4		1017.9		1018.5		1019.6		1017.2	
	S. D.	10.117		10.038		8.855		7.789		6.191		5.798		4.357		4.711		5.969		7.196		8.722		9.416		7.952	
	TOTAL OBS	272		247		273		262		273		268		270		274		260		266		265		274		3204	
3	MEAN	1020.8		1020.3		1016.0		1016.2		1014.0		1013.4		1015.4		1016.2		1017.3		1017.8		1018.6		1019.3		1017.1	
	S. D.	10.002		10.271		9.198		8.237		6.467		5.994		4.556		4.887		5.872		7.537		8.750		9.670		8.145	
	TOTAL OBS	274		243		275		260		269		265		273		270		264		273		263		274		3203	
6	MEAN	1020.8		1020.4		1016.3		1016.7		1014.9		1014.2		1016.1		1016.7		1017.9		1018.3		1018.5		1019.3		1017.5	
	S. D.	10.344		10.273		9.401		8.551		6.594		6.295		4.567		4.893		5.953		7.668		9.006		9.866		8.244	
	TOTAL OBS	272		248		272		261		276		263		271		265		267		272		259		271		3197	
9	MEAN	1021.5		1021.0		1016.9		1017.1		1015.2		1014.8		1016.5		1017.2		1018.5		1018.9		1019.2		1020.0		1018.0	
	S. D.	10.278		10.363		9.407		8.714		6.703		6.287		4.592		4.843		5.900		7.869		9.087		9.937		8.333	
	TOTAL OBS	272		250		274		266		269		263		274		269		264		271		265		278		3215	
12	MEAN	1021.2		1020.6		1016.5		1016.3		1014.5		1014.0		1015.9		1016.7		1017.9		1018.2		1018.4		1019.4		1017.5	
	S. D.	10.076		10.035		9.244		8.442		6.432		6.260		4.411		4.782		5.854		7.605		9.084		9.772		8.184	
	TOTAL OBS	274		249		270		262		276		261		265		264		263		272		262		271		3189	
15	MEAN	1019.9		1019.5		1015.3		1015.2		1013.4		1013.2		1015.1		1015.7		1016.7		1017.1		1017.4		1018.6		1016.4	
	S. D.	10.133		9.957		8.880		8.024		6.188		5.967		4.318		4.659		5.612		7.340		8.535		9.564		7.932	
	TOTAL OBS	273		247		271		260		273		265		274		274		261		271		259		271		3199	
18	MEAN	1020.3		1019.9		1015.4		1015.2		1013.1		1012.6		1014.5		1015.3		1016.6		1017.3		1018.2		1019.1		1016.5	
	S. D.	10.167		9.429		8.569		7.640		5.938		5.820		4.032		4.563		5.611		7.265		8.398		9.253		7.833	
	TOTAL OBS	268		247		269		262		270		262		267		272		263		277		265		266		3188	
21	MEAN	1020.6		1020.4		1016.3		1016.1		1013.9		1013.2		1015.3		1016.0		1017.2		1017.9		1018.5		1019.4		1017.0	
	S. D.	10.246		9.621		8.612		7.505		5.841		5.755		4.145		4.630		5.694		7.333		8.485		9.289		7.828	
	TOTAL OBS	268		250		268		261		274		267		270		272		261		269		264		274		3198	
ALL HOURS	MEAN	1020.7		1020.3		1016.1		1016.1		1014.2		1013.6		1015.5		1016.3		1017.5		1017.9		1018.4		1019.4		1017.2	
	S. D.	10.165		9.994		9.029		8.135		6.325		6.041		4.409		4.773		5.832		7.487		8.760		9.592		8.074	
	TOTAL OBS	2173		1981		2172		2094		2180		2114		2164		2160		2103		2171		2102		2179		25593	



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